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# Datasheet for ABIN6749744 anti-XYLT2 antibody (AA 722-771)

3 Images



#### Overview

Quantity:	100 μL
Target:	XYLT2
Binding Specificity:	AA 722-771
Reactivity:	Mouse, Human, Rat, Dog, Rabbit, Horse, Cow, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XYLT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa722-771 of human XYLT2 (Q9H1B5, NP_071450). Percent
	identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Mouse, Rat,
	Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%), Marmoset, Bat (92%), Zebra finch (91%),
	Elephant, Panda (87%), Lizard (83%).
	Type of Immunogen: Synthetic peptide
lsotype:	lgG
Specificity:	Human XYLT2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Horse, Pig, Guinea pig

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Internation(100%).Purification:Immunoaffinity purifiedTarget DetailsXYLT2Target:XYLT2Attenative Name:XYLT2 (XYLT2 Products)Background:Name/Gene ID: XYLT2Synoryms: XYLT2, Products)Synoryms: XYLT2, Products)Background:Qame/Gene ID: XYLT2Background:Qame/Gene ID: XYLT2Gene ID:04132NCBI Accession:NP 0/1450UniProt:Q911B5Pathways:Glycosaminoglycan Metabolic ProcessApplication Notes:Approved: IHC IHC P (2.5 - 5 µg/mL), WBUsage: ELISA titer using peptide based assay: 1312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgO should be diluted in 1:5000-100000 as second antitody.Comment:Target Species of Antibody: HumanRestrictions:For Research Use onlyHandlingLangelingFormat:LyophilizedReconstrution:Distilied Water.Concentration:Distilied Water.Concentration:LospecificBuffer:Lyophilized from PBS with 2 % sucroseHardling Advice:Avoid repeat freeze-thaw cycles.	Product Details	
Target Details   Target X/LT2   Alternative Name: XYLT2 (XYL12 Products)   Background: Name/Gene ID: XYLT2   Synonyms: XYLT2, Protein xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XyT+L XT, Peptide 0-xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XYLT2, Peptide 0-xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XYT+L XT, Peptide 0-xylosyltransferase 1, PXYLT2, XT+II   Gene ID: 64132   NCBL Accession: NP 071450   UniProt: Q9H1B5   Pathways: Glycosaminoglycan Metabolic Process   Application Details Approved IHC, IHC-P (2.5 - 5 ug/mL), WB   Usage: ELISA titer using peptide based assay. 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim mik / PBS buffer, and HRP conjugated anti-Rabbit IgO should be diluted in 1:5000 - 100000 as second antibody.   Comment: Target Species of Antibody: Human   Restrictions: For Research Use only   Handling Lyophilized   Permat: Lyophilized from PBS with 2 % sucrose		(100%).
Target: XYLT2   Atternative Name: XYLT2 (XYLT2 Products)   Background: Name/Gene ID: XYLT2   Synonyms: XYLT2, Protein xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XYLT2, XT-II   Gene ID: 64132   NCBI Accession: NP_071450   UniProt: 09H1B5   Pathways: Glycosaminoglycan Metabolic Process   Application Details Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB   Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skirm mik / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.   Comment: Target Species of Antibody. Human   Restrictions: For Research Use only   Handling Eornat:   Format: Lyophilized   Reconstitution: Distilled Water.   Concentration: Lyophilized from PBS with 2 % sucrose	Purification:	Immunoaffinity purified
Alternative Name: XYLT2 (XYLT2 Products)   Background: Name/Gene ID: XYLT2   Synonyms: XYLT2, Protein xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XYIT1, XYLT2, Peptide 0-xylosyltransferase 1, PXYLT2, XT-II   Gene ID: 64132   NCBI Accession: NP.071450   UniProt: 09H1B5   Pathways: Glycosaminoglycan Metabolic Process   Application Details Approved: IHC, IHC-P (2.5 - 5 ug/mL), WB   Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.   Comment: Target Species of Antibody: Human   Restrictions: For Research Use only   Handling Econstitution:   Format: Lyophilized   Reconstitution: Distilled Water.   Concentration: Lot specific   Refer: Lyophilized from PBS with 2 % sucrose	Target Details	
Background:   Name/Gene ID: XYLT2     Synonyms: XYLT2, Protein xylosyltransferase 2, Xylosyltransferase 2, Xylosyltransferase 1, XylT-II, XT2, Peptide 0-xylosyltransferase 1, PXYLT2, XT-II     Gene ID:   64132     NCBI Accession:   NP_071450     UniProt:   Q9H1B5     Pathways:   Glycosaminoglycan Metabolic Process     Application Details   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit Ig6 should be diluted in 1:50000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Lyophilized     Reconstitution:   Distilled Water.     Concentration:   Liot specific     Refer:   Lyophilized from PBS with 2 % sucrose	Target:	XYLT2
Synonyms: XYLT2, Protein xylosyltransferase 2, Xylosyltransferase 1, XYLT1     Gene ID:   64132     NCBI Accession:   NP_071450     UniProt:   09H1B5     Pathways:   Glycosaminoglycan Metabolic Process     Application Details      Application Notes:   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:5000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Jusphilized from PBS with 2 % sucrose     Reformation:   Lot specific     Restriction:   Distilied Water.     Concentration:   Lot specific     Reformation:   Lot specific     Reformation:   Lot specific	Alternative Name:	XYLT2 (XYLT2 Products)
XyIT-II, XT2, Peptide O-xylosyltransferase 1, PXYLT2, XT-II     Gene ID:   64132     NCBI Accession:   NP_071450     UniProt:   Q9H1B5     Pathways:   Glycosaminoglycan Metabolic Process     Application DetailS   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Lyophilized     Reconstitution:   Distilled Water.     Concentration:   Lot specific     Buffer:   Lyophilized from PBS with 2 % sucrose	Background:	Name/Gene ID: XYLT2
NCBI Accession:   NP_071450     UniProt:   09H1B5     Pathways:   Glycosaminoglycan Metabolic Process     Application Details   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Lyophilized     Format:   Lyophilized     Reconstitution:   Distilled Water.     Concentration:   Lyophilized from PBS with 2 % sucrose		
UniProt:   Q9H1B5     Pathways:   Glycosaminoglycan Metabolic Process     Application Details	Gene ID:	64132
Pathways:   Glycosaminoglycan Metabolic Process     Application Details   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Application Notes:   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Lyophilized     Format:   Lyophilized     Reconstitution:   Distilled Water.     Concentration:   Lot specific     Buffer:   Lyophilized from PBS with 2 % sucrose	NCBI Accession:	NP_071450
Application Details     Application Notes:   Approved: IHC, IHC-P (2.5 - 5 µg/mL), WB     Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ     g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.     Comment:   Target Species of Antibody: Human     Restrictions:   For Research Use only     Handling   Usophilized     Format:   Lyophilized     Reconstitution:   Distilled Water.     Concentration:   Lot specific     Buffer:   Lyophilized from PBS with 2 % sucrose	UniProt:	Q9H1B5
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Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.Comment:Target Species of Antibody: HumanRestrictions:For Research Use onlyHandling	Application Details	
g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.Comment:Target Species of Antibody: HumanRestrictions:For Research Use onlyHandling	Application Notes:	Approved: IHC, IHC-P (2.5 - 5 μg/mL), WB
Restrictions:For Research Use onlyHandlingFormat:LyophilizedReconstitution:Distilled Water.Concentration:Lot specificBuffer:Lyophilized from PBS with 2 % sucrose		g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in
HandlingFormat:LyophilizedReconstitution:Distilled Water.Concentration:Lot specificBuffer:Lyophilized from PBS with 2 % sucrose	Comment:	Target Species of Antibody: Human
Format:LyophilizedReconstitution:Distilled Water.Concentration:Lot specificBuffer:Lyophilized from PBS with 2 % sucrose	Restrictions:	For Research Use only
Reconstitution:Distilled Water.Concentration:Lot specificBuffer:Lyophilized from PBS with 2 % sucrose	Handling	
Concentration:Lot specificBuffer:Lyophilized from PBS with 2 % sucrose	Format:	Lyophilized
Buffer: Lyophilized from PBS with 2 % sucrose	Reconstitution:	Distilled Water.
	Concentration:	Lot specific
Handling Advice: Avoid repeat freeze-thaw cycles.	Buffer:	Lyophilized from PBS with 2 % sucrose
	Handling Advice:	Avoid repeat freeze-thaw cycles.

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## Handling

Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

### Images



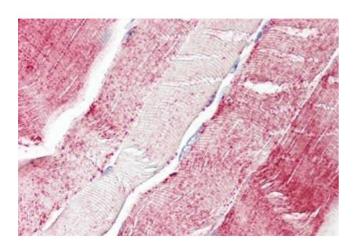
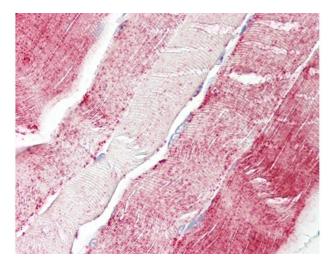


Image 2.



#### Immunohistochemistry

**Image 3.** Human, Skeletal muscle: Formalin-Fixed Paraffin-Embedded (FFPE). This image was taken for the unconjugated form of this product. Other forms have not been tested.

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