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Datasheet for ABIN2782704

anti-ST3GAL4 antibody (Middle Region)

6 Images

Overview

Quantity:	100 µL
Target:	ST3GAL4
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Horse, Cow, Sheep, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ST3GAL4
Sequence:	FDPKVENNPD TLLVLVAFKA MDFHWIETIL SDKKRVRKGF WKQPPLIWDV
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against ST3GAL4. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	ST3GAL4
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Target Details

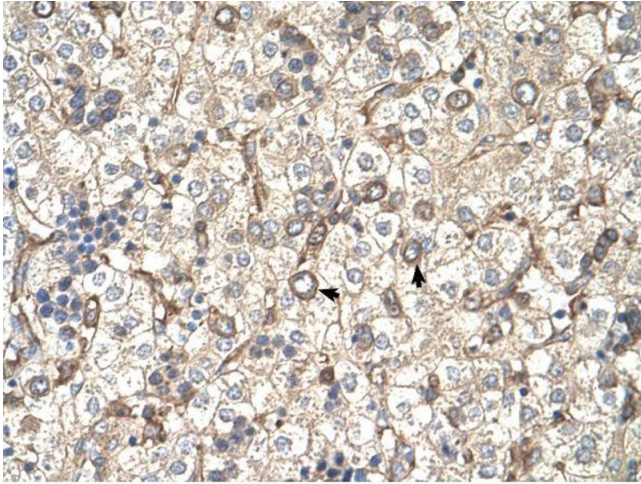
Alternative Name:	ST3GAL4 (ST3GAL4 Products)
Background:	<p>Synthesis of alpha-2,3-linked sialic acid to Gal(beta-1,3)GalNAc is mediated by at least 3 distinct beta-galactoside alpha-2,3-sialyltransferases (EC 2.4.99.4), including ST3GAL4. In contrast, only a single gene encodes the beta-galactoside alpha-2,6-sialyltransferase, ST6GAL1.</p> <p>Alias Symbols: CGS23, FLJ11867, NANTA3, SAT3, SIAT4, SIAT4C, ST3Gal IV, ST3GalIV, STZ</p> <p>Protein Interaction Partner: UBC, ARHGDI, CD8B,</p> <p>Protein Size: 329</p>
Molecular Weight:	37 kDa
Gene ID:	6484
NCBI Accession:	NM_006278 , NP_006269
UniProt:	Q6IBE6
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 329 AA
Restrictions:	For Research Use only

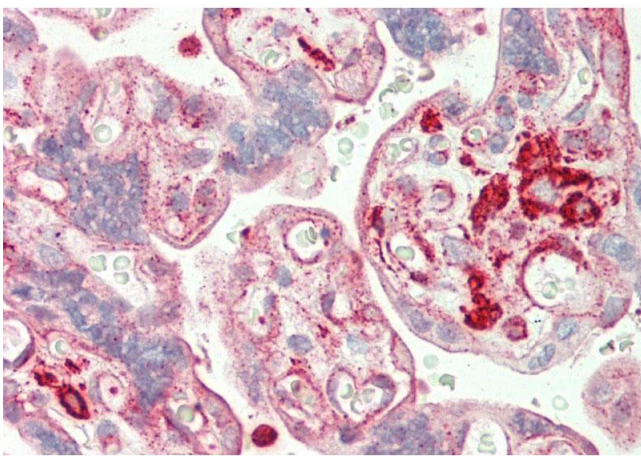
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



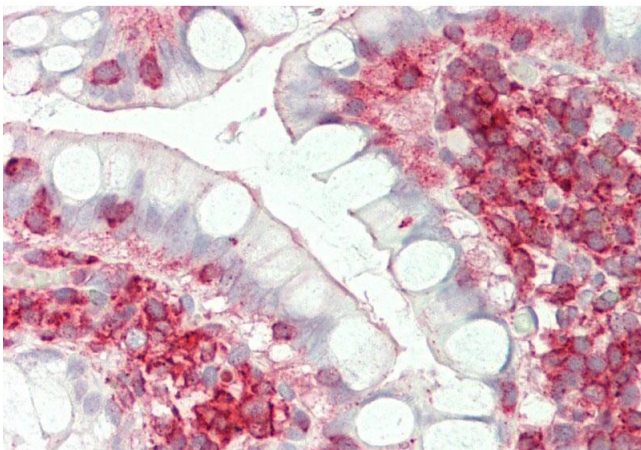
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Rabbit Anti-ST3GAL4 antibody Formalin Fixed Paraffin Embedded Tissue: Human Placenta Primary antibody Concentration: 1:200 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec



Immunohistochemistry

Image 3. Rabbit Anti-ST3GAL4 antibody Formalin Fixed Paraffin Embedded Tissue: Human Small Intestine Primary antibody Concentration: 1:200 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2782704.