

Datasheet for ABIN2784120
anti-B3GALT6 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	B3GALT6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GALT6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human B3GALT6
Sequence:	VQREHDPRFD TEYRSRGCSN QYLVTHKQSL EDMLEKHATL AREGR LCKRE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against B3GALT6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	B3GALT6
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Target Details

Alternative Name:	B3GALT6 (B3GALT6 Products)
Background:	B3GALT6 (Beta-1,3-galactosyltransferase) transfers galactose from UDP-galactose to substrates with a terminal beta-linked galactose residue. It has a preference for galactose-beta-1,4-xylose that is found in the linker region of glycosaminoglycans, such as heparan sulfate and chondroitin sulfate. It has no activity towards substrates with terminal glucosamine or galactosamine residues. Alias Symbols: beta3GalT6 Protein Interaction Partner: XRN1, UBC, Protein Size: 329
Molecular Weight:	37 kDa
Gene ID:	126792
NCBI Accession:	NM_080605 , NP_542172
UniProt:	Q96L58
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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-B3GALT6 Antibody Titration:
0.2-1 ug/ml Positive Control: Human brain