

Rabbit B3galt2 Polyclonal Antibody | anti-B3GALT2 antibody

B3galt2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199566	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

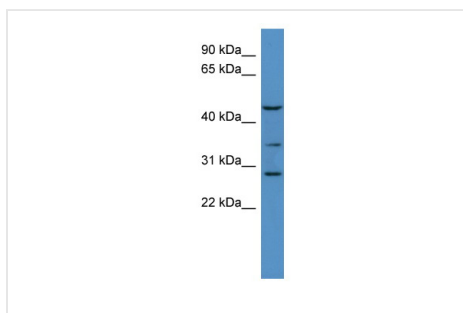
PRODUCT SYNONYMS

B3galt2; Polyclonal Antibody; B3galt2 antibody - C-terminal region; anti-B3GALT2 antibody

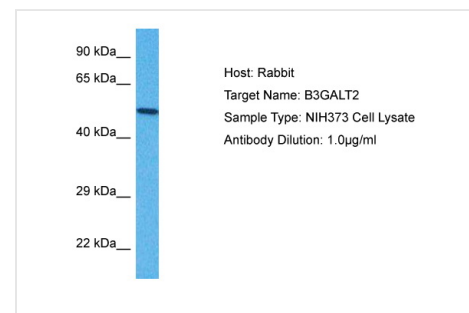
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RV DPVPPPNEFV FNHWRVSYSS CKYSHLITSH QFQPSELIKY WNHLQQNK
Sequence Length	422
Applicable Applications for anti-B3GALT2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

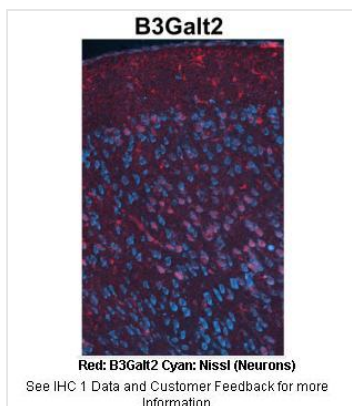


WB (Western Blot)

WB Suggested Anti-B3galt2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Mouse Brain


WB (Western Blot)

Host: Rabbit
Target Name: B3GALT2
Sample Tissue: Mouse NIH 373 Whole Cell
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
 Sample Type :Adult mouse cortexPrimary Antibody Dilution :1:500Secondary Antibody :Anti-rabbit-Cy3Secondary Antibody Dilution :1:1000Color/Signal Descriptions :Red: B3Galt2 Cyan: Nissl(Neurons)Gene Name :B3galt2Submitted by :Joshua R. Sanes, Molecular and Cellular Biology, Harvard University

ADDITIONAL INFORMATION

Related Product Information for anti-B3GALT2 antibody	This is a rabbit polyclonal antibody against B3galt2. It was validated on Western Blot Target Description: B3galt2 is beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. B3galt2 can also utilize substrates with a terminal galactose residue, albeit with lower efficiency. B3galt2 is involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins.
Product Categories/Family for anti-B3GALT2 antibody	Polyclonal; Membrane Protein; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266277
NCBI GeneID	26878
NCBI Accession #	NP_064409
NCBI GenBank Nucleotide #	NM_020025
UniProt Accession #	O54905
Molecular Weight	49kDa
NCBI Official Full Name	beta-1,3-galactosyltransferase 2
NCBI Official Synonym Full Names	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2
NCBI Official Symbol	B3galt2
NCBI Protein Information	beta-1,3-galactosyltransferase 2
UniProt Protein Name	Beta-1,3-galactosyltransferase 2
UniProt Gene Name	B3galt2
UniProt Synonym Gene Names	Beta-1,3-GalTase 2; Beta3Gal-T2; Beta3GalT2
UniProt Entry Name	B3GT2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.