Rabbit GALNT6 Polyclonal Antibody | anti-GALNT6 antibody

GALNT6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199755	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish**	**Western Blot, Immunohistochemistry**

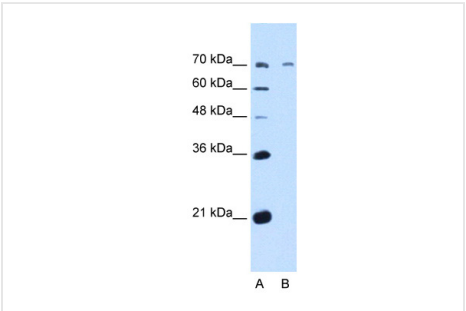
PRODUCT SYNONYMS

GALNT6; Polyclonal Antibody; GALNT6 antibody - N-terminal region; anti-GALNT6 antibody

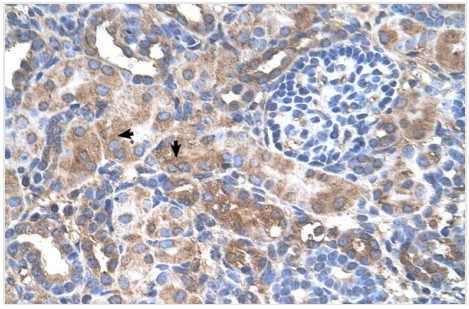
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:MN NLRDSMPKLQ IRAPEAQQTL FSINQSCLPG FYTPAELKPF WERPPQDP
Sequence Length	622
Applicable Applications for anti-GALNT6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 85%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 86%; Rat: 93%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GALNT6
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-GALNT6 Antibody Titration: 5.0ug/mlPositive Control: HepG2 cell lysate



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-GALNT6 antibody	This is a rabbit polyclonal antibody against GALNT6. It was validated on Western Blot and immunohistochemistry Target Description: GALNT6 is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a lumenal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. GALNT6 is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin.This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a lumenal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin.
Product Categories/Family for anti-GALNT6 antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Immunohistochemistry; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	115298684
NCBI GeneID	11226
NCBI Accession #	NP_009141
NCBI GenBank Nucleotide #	NM_007210
UniProt Accession #	Q8NCL4
Molecular Weight	71kDa
NCBI Official Full Name	polypeptide N-acetylgalactosaminyltransferase 6
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 6
NCBI Official Symbol	GALNT6
NCBI Official Synonym Symbols	GalNAcT6; GALNAC-T6
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 6
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 6
UniProt Gene Name	**GALNT6**
UniProt Synonym Gene Names	GalNAc-T6; pp-GaNTase 6
UniProt Entry Name	GALT6_HUMAN

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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/galnt6-antibody-western-blot-immunohistochemistry-elisa/199755