

Rabbit CHST10 Polyclonal Antibody | anti-CHST10 antibody

CHST10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287657	Rabbit	Human, mouse, rat	Immunohistochemistry, ELISA, Western Blot

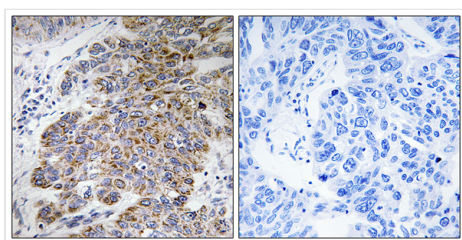
PRODUCT SYNONYMS

CHST10; Polyclonal Antibody; CHST10 Antibody; Carbohydrate sulfotransferase 10; 282-; HNK-1 sulfotransferase; HNK-1ST; HNK1ST; HuHNK-1ST; anti-CHST10 antibody

PRODUCT SPECIFICATIONS

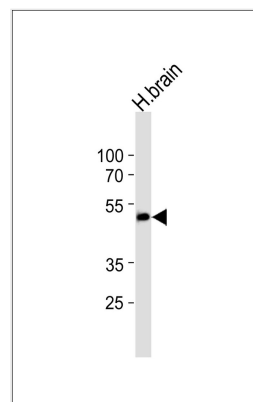
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	211-239
Sequence Length	356
Applicable Applications for anti-CHST10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CHST10 antibody.



WB (Western Blot)

Western blot analysis of lysate from human brain tissue lysate, using CHST10 Antibody(AAA287657). AAA287657 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-CHST10 antibody	Catalyzes the transfer of sulfate to position 3 of terminal glucuronic acid of both protein- and lipid-linked oligosaccharides. Participates in biosynthesis of HNK-1 carbohydrate structure, a sulfated glucuronyl-lactosaminyl residue carried by many neural recognition molecules, which is involved in cell interactions during ontogenetic development and in synaptic plasticity in the adult. May be indirectly involved in synapse plasticity of the hippocampus, via its role in HNK-1 biosynthesis.
Product Categories/Family for anti-CHST10 antibody	Metabolism; Signal Transduction
References	Ong E.,et al.J. Biol. Chem. 273:5190-5195(1998). Yu W.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758540
NCBI GeneID	9486
NCBI Accession #	NP_004845.1
NCBI GenBank Nucleotide #	NM_004854.4
UniProt Accession #	O43529; Q53T18
Molecular Weight	42207
NCBI Official Full Name	carbohydrate sulfotransferase 10
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 10
NCBI Official Symbol	CHST10
NCBI Official Synonym Symbols	HNK1ST; HNK-1ST
NCBI Protein Information	carbohydrate sulfotransferase 10
UniProt Protein Name	Carbohydrate sulfotransferase 10
UniProt Gene Name	CHST10
UniProt Synonym Gene Names	HNK-1ST; HNK1ST; HuHNK-1ST
UniProt Entry Name	CHSTA_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://stage.aaabiotech.com/polyclonal/chst10-antibody-immunohistochemistry-western-blot-elisa/287657>