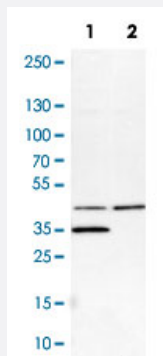


CHST10 polyclonal antibody

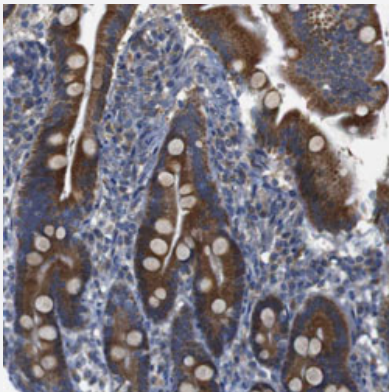
Catalog # PAB31436 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumour cells) with CHST10 polyclonal antibody (Cat # PAB31436).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human duodenum with CHST10 polyclonal antibody (Cat # PAB31436) shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CHST10.
Immunogen	Recombinant protein corresponding to human CHST10.
Sequence	PEVRKLPEEKHIPEELKPTGKELPDSQLVQPLVYMERLELIRNVCRDDALKNLSHTPVSKFVLDRIFVCDKHILFCQTPKVGNTQWKKVLI/LNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDAEIQKRL
Host	Rabbit
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: NIH-3T3 cell lysate (mouse embryonic fibroblast cells) and Lane 2: NBT-II cell lysate (Wistar rat bladder tumour cells) with CHST10 polyclonal antibody (Cat # PAB31436).

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Gene Info — CHST10

Entrez GeneID	9486
Protein Accession#	O43529
Gene Name	CHST10
Gene Alias	HNK-1ST, HNK1ST, MGC17148
Gene Description	carbohydrate sulfotransferase 10
Omim ID	606376
Gene Ontology	Hyperlink

Gene Summary

Cell surface carbohydrates modulate a variety of cellular functions and are typically synthesized in a stepwise manner. HNK1ST plays a role in the biosynthesis of HNK1 (see MIM 151290), a neuro nally expressed carbohydrate that contains a sulfoglucuronyl residue.[supplied by OMIM

Other Designations

HNK-1 sulfotransferase

Disease

- [Kidney Failure](#)