



HNK-1ST rabbit pAb

Cat No.:ES2543

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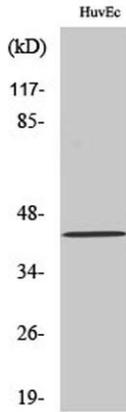
Overview

Product Name	HNK-1ST rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CHST10. AA range:191-240
Specificity	HNK-1ST Polyclonal Antibody detects endogenous levels of HNK-1ST protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Carbohydrate sulfotransferase 10
Gene Name	CHST10
Cellular localization	Golgi apparatus membrane ; Single-pass type II membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	9486
Human Swiss-Prot Number	O43529
Alternative Names	CHST10; Carbohydrate sulfotransferase 10; HNK-1 sulfotransferase; HNK-1ST; HNK1ST; HuHNK-1ST
Background	This protein encoded by this gene transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that



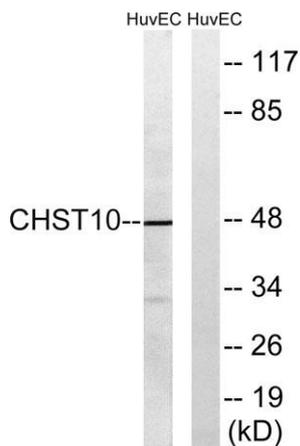
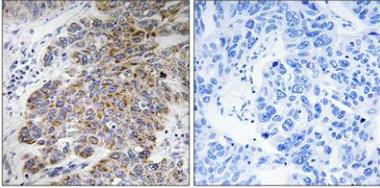


acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.[provided by RefSeq, Feb 2011],



Western Blot analysis of various cells using HNK-1ST Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CHST10 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using CHST10 Antibody. The lane on the right is blocked with the synthesized peptide.

