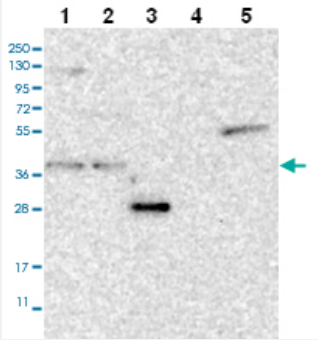
ST3GAL6 polyclonal antibody

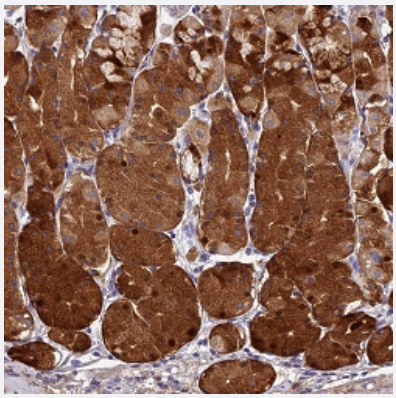
Catalog # PAB28018 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4 Lane 2: U-251 MG Lane 3: Human Plasma Lane 4: Liver Lane 5: Tonsil with ST3GAL6 polyclonal antibody (Cat # PAB28018).



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

Immunohistochemical staining of human stomach upper with ST3GAL6 polyclonal antibody (Cat # PAB28018) shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ST3GAL6.
Immunogen	Recombinant protein corresponding to amino acids of human ST3GAL6
Sequence	IQPCLSKPAFASLLRFHQFHPFLCAADFRKIASLYGSDKFDLPYGMRTSAEYFRLALSKLQSCDLF DEFDNIPCKKCVVVGNGGVLKNKTLGEKIDSYDVIIRMNNG
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50 - 1:200) 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 shoul d be handled by trained staff only.

Applications

- Western Blot

  Western blot analysis of Lane 1: RT-4 Lane 2: U-251 MG Lane 3: Human Plasma Lane 4: Liver Lane 5: Tonsil with ST3GAL6 polyclonal antibody (Cat # PAB28018).

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Gene Info — ST3GAL6

Entrez GeneID	10402
Gene Name	ST3GAL6
Gene Alias	SIAT10, ST3GALVI
Gene Description	ST3 beta-galactoside alpha-2,3-sialyltransferase 6
Omim ID	607156
Gene Ontology	Hyperlink

Gene Summary	Sialyltransferases, such as ST3GAL6, catalyze the transfer of sialic acid from cytidine 5-prime monophospho-N-acetylneuraminic acid (CMP-NeuAc) to terminal positions of glycoprotein and glycolipid carbohydrate groups. Terminal NeuAc residues are key determinants of carbohydrate structures, such as the sialyl-Lewis X determinants, and are widely distributed in many cell types.[supplied by OMIM
Other Designations	alpha2,3-sialyltransferase|alpha2,3-sialyltransferase VI|sialyltransferase 10 (alpha-2,3-sialyltransferase VI)

Pathway

- Glycosphingolipid biosynthesis - lacto and neolacto series
- Metabolic pathways

Disease

- Obesity