

Anti-GAL3ST2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted: Human, Mouse, Chicken, Dog, Pig, Cow, Horse, Rabbit)
Molecular Weight:	Theoretical: 46 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: Rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-GAL3ST2 Polyclonal Antibody, Unconjugated (TMAB-06277) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P, IHC-Fr, IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GAL3ST2
Antigen Species:	Human
Gene ID:	64090
Uniprot ID:	Q9H3Q3

Research Background

This gene encodes a member of the galactose-3-O-sulfotransferase protein family. The product of this gene catalyzes sulfonation by transferring a sulfate group to the hydroxyl at C-3 of nonreducing beta-galactosyl residues, and it can act on both type 1 and type 2 (Galbeta 1-3/1-4GlcNAc-R) oligosaccharides with similar efficiencies, and on core 1 glycans. This enzyme has been implicated in tumor metastasis processes. This gene is different from the GAL3ST3 gene located on chromosome 11, which has also been referred to as GAL3ST2 and encodes a related enzyme with distinct tissue distribution and substrate specificities, compared to galactose-3-O-sulfotransferase 2. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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