

## Anti-GAL3ST4 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 54 kDa. Actual: 54 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	1. Tissue/cell: Rat ovary 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-GAL3ST4 Polyclonal Antibody, Unconjugated (TMAB-06278) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Sample: placenta (mouse) Lysate at 40 µg
	Primary: Anti-GAL3ST4 (TMAB-06278) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 54 kD
	Observed band size: 54 kD
Application:	3. Sample: pancreas (mouse) Lysate at 40 µg
	Primary: Anti-GAL3ST4 (TMAB-06278) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 54 kD	
Observed band size: 54 kD	
Recommended	WB: 1:500-2000; 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 GAL3ST4
Antigen Species:	Human
Gene ID:	79690
Uniprot ID:	Q96RP7

## 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 to the C-3' position of galactose residues in O-linked glycoproteins. This enzyme is highly specific for core 1 structures, with asialofetuin, Gal-beta-1,3-GalNAc and Gal-beta-1,3

## A DRUG SCREENING EXPERT

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(GlcNAc-beta-1,6)GalNAc being good substrates. [provided by RefSeq, Jul 2008]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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