

DATASHEET

GAL3ST4 Rabbit Polyclonal Antibody

CAT. NO. APA17894

KEY FEATURES

Target	GAL3ST4	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Catalyzes the transfer of a sulfate group from 3'-phosphoadenylyl sulfate (PAPS) to the C-3 hydroxyl group of terminal non-reducing beta-1,3-linked galactose residues, exclusively in O-linked glycoproteins to the C-3 hydroxyl group of terminal non-reducing beta-1,3-linked galactose residues, exclusively in O-linked glycoproteins. Participates in galactose sulfation and acts on core 1 (Gal-beta-1,3-GalNAc-R) structures. In vitro, also recognizes Gal-beta-1,3 (GlcNAc-beta-1,6)GalNAc-R, asialofetuin, the Globo H precursor and Gal-beta-1,3(6-O-sulfo)GalNAc-R structures as good substrates.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

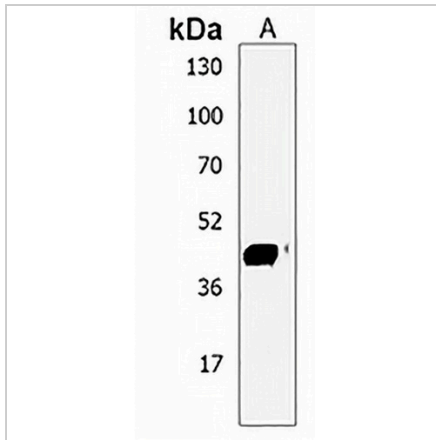
Description	Rabbit polyclonal antibody to GAL3ST4
Specificity	Recognizes endogenous levels of GAL3ST4 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human GAL3ST4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 54 kD; Observed: 49 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Galactose-3-O-sulfotransferase 4; Gal3ST-4; Beta-galactose-3-O-sulfotransferase 4; Gal-beta-1,3-GalNAc 3'-sulfotransferase
Gene Symbol	GAL3ST4
Entrez Gene	79690(Human)
SwissProt	Q96RP7(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of GAL3ST4 expression in human placenta (A) whole cell lysates.
(Predicted band size: 54 kD; Observed band size: 49 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.