

Datasheet for ABIN2784072

anti-GAL3ST3 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GAL3ST3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Horse, Cow, Dog, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAL3ST3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GAL3ST3
Sequence:	AHNTLAYDLG GDNERSPRDD AAYLAGLIRQ VEEVFSLVMI AEYFDESLVL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GAL3ST3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GAL3ST3
Alternative Name:	GAL3ST3 (GAL3ST3 Products)

Target Details

Background:	<p>GAL3ST3 is a member of the galactose-3-O-sulfotransferase protein family. It catalyzes sulfonation by transferring a sulfate group to the 3' position of galactose in N-acetyllactosamine in both type 2 (Gal-beta-1-4GlcNAc-R) oligosaccharides and core-2-branched O-glycans, but not on type 1 or core-1-branched structures. This gene, which has also been referred to as GAL3ST2, is different from the GAL3ST2 gene located on chromosome 2 that encodes a related enzyme with distinct tissue distribution and substrate specificities, compared to galactose-3-O-sulfotransferase 3.</p> <p>Alias Symbols: GAL3ST-3, GAL3ST2, MGC142112, MGC142114</p> <p>Protein Size: 431</p>
Molecular Weight:	49 kDa
Gene ID:	89792
NCBI Accession:	NM_033036 , NP_149025
UniProt:	Q96A11

Application Details

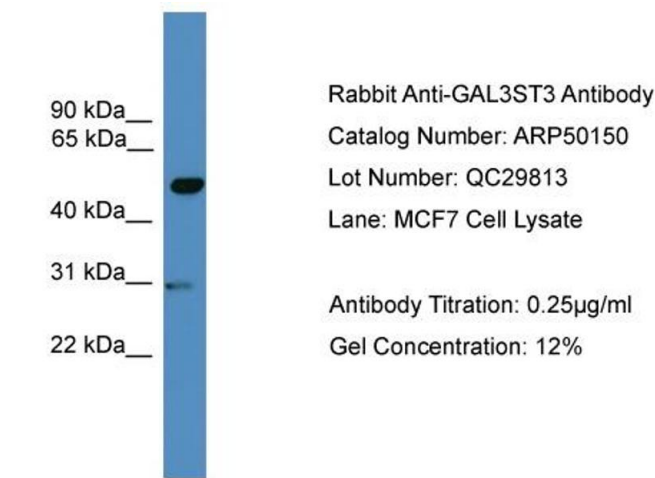
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 431 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Validation report #100030 for Western Blotting (WB)

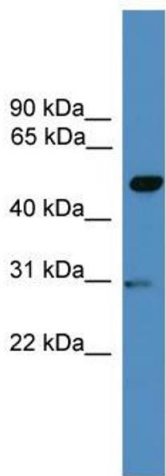


Western Blotting

Image 1. WB Suggested Anti-GAL3ST3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: MCF7 cell lysate



Western Blotting

Image 2. WB Suggested Anti-GAL3ST3 Antibody Titration:

0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate