

Datasheet for ABIN522997
anti-GAL3ST1 antibody (AA 1-423)



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Overview

Quantity:	50 µg
Target:	GAL3ST1
Binding Specificity:	AA 1-423
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This GAL3ST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human GAL3ST1 protein.
Immunogen:	GAL3ST1 (AAH14649.1, 1 a.a. ~ 423 a.a) full-length human protein.
Sequence:	MLPPQKKPWE SMAKGLVLGA LFTSFLLLMY SYAVPPLHAG LASTTPEAAA SCSPPALEPE AVIRANGSAG ECQPRRNIVF LKTHKTASST LLNILFRFGQ KHRLKFAFPN GRNDFDYPTF FARSLVQDYR PGACFNIICN HMRPHYDEVR GLVPTNAIFI TVLRDPARLF ESSFHYFGPV VPLTWKLSAG DKLTEFLQDP DRYYPNGFN AHYLRNLLFF DLGYDNSLDP SSPVQVEHIL EVERRFHLVL LQEYFDESLV LLKDLLCWEL EDVLYFKLNA RRDSPVPRLS GELYGRATAW NMLDSHLYRH FNASFWRKVE AFGRRERMARE VAALRHANER MRTICIDGGH AVDAAAQDE AMQPWQPLGT KSILGYNLKK SIGQRHAQLC RRMLTPEIQY LMDLGANLWV TKLWKFIRDF LRW
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	GAL3ST1
Alternative Name:	GAL3ST1 (GAL3ST1 Products)
Background:	Full Gene Name: galactose-3-O-sulfotransferase 1 Synonyms: CST
Gene ID:	9514

Application Details

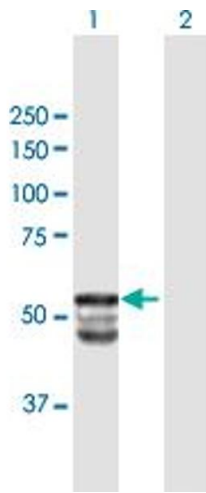
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Zhang, Nakajima, Kamijo, Li, Hu, Kannagi, Kyogashima, Aoyama, Hara: "Acute kidney injury induced by protein-overload nephropathy down-regulates gene expression of hepatic cerebroside sulfotransferase in mice, resulting in reduction of liver and serum sulfatides." in: Biochemical and biophysical research communications , Vol. 390, Issue 4, pp. 1382-8, (2009) (PubMed).
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Western Blotting

Image 1. Western Blot analysis of GAL3ST1 expression in transfected 293T cell line by GAL3ST1 MaxPab polyclonal antibody.

Lane1:GAL3ST1 transfected lysate(46.53 KDa).

Lane2:Non-transfected lysate.