

Product datasheet for **TA308092**

GAL3ST1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Dog, Pig, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 412 of GAL3ST1 (Uniprot ID#Q99999)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	galactose-3-O-sulfotransferase 1
Database Link:	NP_004852 Entrez Gene 53897 Mouse Entrez Gene 611960 Dog Entrez Gene 9514 Human Q99999
Background:	Sulfonation, an important step in the metabolism of many drugs, xenobiotics, hormones, and neurotransmitters, is catalyzed by sulfotransferases. The product of this gene is galactosylceramide sulfotransferase which catalyzes the conversion between 3'-phosphoadenylylsulfate + a galactosylceramide to adenosine 3',5'-bisphosphate + galactosylceramide sulfate. Activity of this sulfotransferase is enhanced in renal cell carcinoma. [provided by RefSeq]
Synonyms:	CST



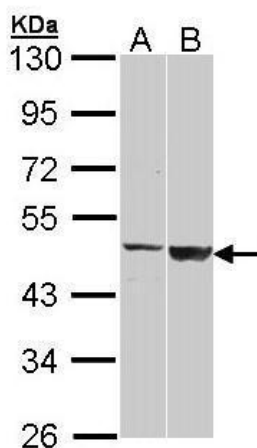
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Note: Seq homology of immunogen across species: Mouse (84%), Dog (89%), Pig (89%), Bovine (88%)

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, Sphingolipid metabolism

Product images:



Sample (30 ug of whole cell lysate). A: H1299. B: Raji. 10% SDS PAGE. TA308092 diluted at 1:1000.