10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Goat anti-HSULF-1 / sulfatase 1 Antibody

Peptide-affinity purified goat antibody
Catalog # AF4377a

Product Information

Application	Pep-ELISA
Primary Accession	Q8IWU6
Other Accession	NP_055985.2
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Clone Names	SULF1
Calculated MW	101027

Additional Information

Gene ID	23213
Other Names	SULF1; sulfatase 1; HSULF-1; SULF-1; extracellular sulfatase Sulf-1; sulfatase FP
Dilution	Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	Reported variants NP_055985.2; NP_001121676.1; NP_001121677.1; NP_001121678.1 represent identical protein
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-HSULF-1 / sulfatase 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SULF1
Synonyms	KIAA1077
Function	Exhibits arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity (PubMed:12368295, PubMed:12686563). It can remove sulfate from the C-6 position of glucosamine within specific subregions of intact heparin (PubMed:12368295, PubMed:12686563).

	Diminishes HSPG (heparan sulfate proteoglycans) sulfation, inhibits signaling by heparin-dependent growth factors, diminishes proliferation, and facilitates apoptosis in response to exogenous stimulation (PubMed:12686563).
Cellular Location	Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8VI60}. Golgi apparatus, Golgi stack {ECO:0000250|UniProtKB:Q8VI60}. Cell surface
Tissue Location	Expressed at highest levels in testis, stomach, skeletal muscle, lung, kidney, pancreas, small intestine and colon. It is also detected in normal ovarian surface epithelial cells. Down- regulation seen in ovarian carcinoma cell lines, ovarian cancers, breast, pancreatic, renal and hepatocellular carcinoma cell lines

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.