

Goat anti-HSULF-1 / sulfatase 1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF4377a

Specification

Goat anti-HSULF-1 / sulfatase 1 Antibody - Product Information

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

Goat anti-HSULF-1 / sulfatase 1 Antibody - Additional Information

Gene ID 23213

Other Names

SULF1; sulfatase 1; HSULF-1; SULF-1; extracellular sulfatase Sulf-1; sulfatase FP

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.

Goat anti-HSULF-1 / sulfatase 1 Antibody - 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](http://www.uniprot.org/citations/12368295), PubMed:[12686563](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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

Goat anti-HSULF-1 / sulfatase 1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat anti-HSULF-1 / sulfatase 1 Antibody - Images