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SULF1 Rabbit pAb

Catalog # AP97199

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IWU6
Other Accession	Q8IWU6
Reactivity	Mouse
Predicted	Rat, Pig, Human, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	101027
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SULF1
Epitope Specificity	601-700/871
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	23213
Other Names	SULF1_HUMAN; SULF1; hSulf-1; Arylsulfatase; N-acetylglucosamine-6-sulfatase; KIAA1077; sulfatase 1; Extracellular sulfatase Sulf-1; Extracellular sulfatase Sulf-2 secreted form; SULF-1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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'.