

Rabbit SULF2 Polyclonal Antibody | anti-SULF2 antibody

SULF2 antibody - C-terminal region

CATALOG # AAA199988	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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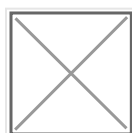
PRODUCT SYNONYMS

SULF2; Polyclonal Antibody; SULF2 antibody - C-terminal region; anti-SULF2 antibody

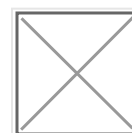
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: DV LNQLHVQLME LRSCGYKQC NPRTRNMDLG LKDGGSYEQY RQFQRRKW
Sequence Length	870
Applicable Applications for anti-SULF2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SULF2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SULF2 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-SULF2 antibody

This is a rabbit polyclonal antibody against SULF2. It was validated on Western Blot and immunohistochemistry

Target Description: Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules. Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF2, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]). [supplied by OMIM].

Product Categories/Family for anti-SULF2 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29789100
NCBI GeneID	55959
NCBI Accession #	NP_061325
NCBI GenBank Nucleotide #	NM_018837
UniProt Accession #	Q8IWU5
Molecular Weight	98kDa
NCBI Official Full Name	extracellular sulfatase Sulf-2 isoform a
NCBI Official Synonym Full Names	sulfatase 2
NCBI Official Symbol	SULF2
NCBI Official Synonym Symbols	HSULF-2
NCBI Protein Information	extracellular sulfatase Sulf-2
UniProt Protein Name	Extracellular sulfatase Sulf-2
UniProt Gene Name	SULF2
UniProt Synonym Gene Names	KIAA1247; hSulf-2
UniProt Entry Name	SULF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sulf2-antibody-western-blot-immunohistochemistry-elisa/199988>