

Rabbit SORD Polyclonal Antibody | anti-SORD antibody

SORD Antibody

CATALOG # AAA305409	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SORD; Polyclonal Antibody; SORD Antibody; SORD1; anti-SORD antibody

PRODUCT SPECIFICATIONS

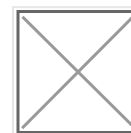
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SORD protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	357
Applicable Applications for anti-SORD antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human SORD.
Target Name	SORD
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using SORD antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using SORD antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SORD antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SORD antibody	SORD(Sorbitol dehydrogenase) is also named as L-iditol 2-dehydrogenase and belongs to the zinc-containing alcohol dehydrogenase family. It catalyzes the interconversion of polyols and their corresponding ketoses, and together with aldose reductase, makes up the sorbitol pathway that is believed to play an important role in the development of diabetic complications. This protein can form a homotetramer(PMID:12962626).
Product Categories/Family for anti-SORD antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627571
NCBI GeneID	6652
NCBI Accession #	NP_003095.2
NCBI GenBank Nucleotide #	NM_003104.5
UniProt Accession #	Q00796; Q16682; Q9UMD6; B2R655; B7Z3A6; J3JZZ5
Molecular Weight	10,812 Da
NCBI Official Full Name	sorbitol dehydrogenase
NCBI Official Synonym Full Names	sorbitol dehydrogenase
NCBI Official Symbol	SORD
NCBI Official Synonym Symbols	SORD1; HEL-S-95n
NCBI Protein Information	sorbitol dehydrogenase
UniProt Protein Name	Sorbitol dehydrogenase
UniProt Gene Name	SORD
UniProt Entry Name	DHSO_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sord-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305409>