

Rabbit HAS2 Polyclonal Antibody | anti-HAS2 antibody

HAS2 (Center) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268660	Rabbit	Human, Rat, Mouse	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HAS2; Polyclonal Antibody; HAS2 (Center) Rabbit pAb; Hyaluronan synthase 2; Hyaluronate synthase 2; Hyaluronic acid synthase 2; HA synthase 2; anti-HAS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Clone Number	RB22492
Specificity	This HAS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-166 amino acids from the Central region of human HAS2.
Purity/Purification	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	552
Applicable Applications for anti-HAS2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	This HAS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-166 amino acids from the central region of human HAS2.
Tissue expression	Expressed in fibroblasts.
Cellular localization	Membrane; Multi-pass membrane protein
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

All lanes: Anti-HAS2 Antibody (Center) at 1:1000 dilution. Lane 1: mouse brain lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase
conjugated at 1/10000 dilution. Predicted band size :64kDa. Blocking/Dilution buffer: 5%
NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-HAS2 antibody	Hyaluronan or hyaluronic acid (HA) is a high molecular weight unbranched polysaccharide synthesized by a wide variety of organisms from bacteria to mammals, and is a constituent of the extracellular matrix. It consists of alternating glucuronic acid and N-acetylglucosamine residues that are linked by beta-1-3 and beta-1-4 glycosidic bonds. HA is synthesized by membrane-bound synthase at the inner surface of the plasma membrane, and the chains are extruded through pore-like structures into the extracellular space. It serves a variety of functions, including space filling, lubrication of joints, and provision of a matrix through which cells can migrate. HA is actively produced during wound healing and tissue repair to provide a framework for ingrowth of blood vessels and fibroblasts. Changes in the serum concentration of HA are associated with inflammatory and degenerative arthropathies such as rheumatoid arthritis. In addition, the interaction of HA with the leukocyte receptor CD44 is important in tissue-specific homing by leukocytes, and overexpression of HA receptors has been correlated with tumor metastasis. HAS2 is a member of the newly identified vertebrate gene family encoding putative hyaluronan synthases, and its amino acid sequence shows significant homology to glycosaminoglycan synthetase (DG42) from <i>Xenopus laevis</i> , and human and murine hyaluronan synthase 1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885391
NCBI GeneID	3037
NCBI Accession #	NP_005319.1
NCBI GenBank Nucleotide #	NP_005319.1
UniProt Accession #	Q92819
Molecular Weight	Predicted MW: 64kDa
NCBI Official Full Name	hyaluronan synthase 2
NCBI Official Synonym Full Names	hyaluronan synthase 2
NCBI Official Symbol	HAS2
NCBI Protein Information	hyaluronan synthase 2
UniProt Protein Name	Hyaluronan synthase 2
UniProt Gene Name	HAS2
UniProt Synonym Gene Names	HA synthase 2

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/has2-antibody-clone-rb22492-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/268660>