

Mouse anti-Human HAS1 Antibody | anti-HAS1 antibody

HAS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108831	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

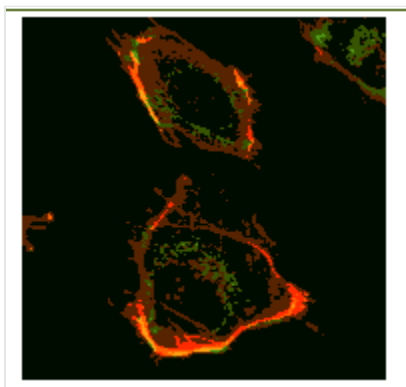
PRODUCT SYNONYMS

HAS1; HAS1 Antibody; HAS; anti-HAS1 antibody

PRODUCT SPECIFICATIONS

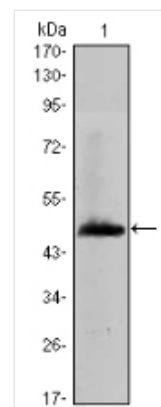
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	3E10
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	578
Applicable Applications for anti-HAS1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human HAS1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U251 cells using HAS1 mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Western blot analysis using HAS1 mouse mAb against recombinant protein of human HAS1 (aa70-243).

ADDITIONAL INFORMATION

Related Product Information for anti-HAS1 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.
Product Categories/Family for anti-HAS1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466171
NCBI GeneID	3036
NCBI Accession #	NP_001514.2
NCBI GenBank Nucleotide #	NM_001523.3
UniProt Accession #	Q92839; Q14470; Q9NS49
Molecular Weight	65kDa
NCBI Official Full Name	hyaluronan synthase 1 isoform 1
NCBI Official Synonym Full Names	hyaluronan synthase 1
NCBI Official Symbol	HAS1
NCBI Official Synonym Symbols	HAS
NCBI Protein Information	hyaluronan synthase 1
UniProt Protein Name	Hyaluronan synthase 1
UniProt Gene Name	HAS1
UniProt Synonym Gene Names	HAS; HA synthase 1; HuHAS1

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/mouse-human-antibody/has1/108831>