HAS1 Antibody

Catalog No: #37613

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Description

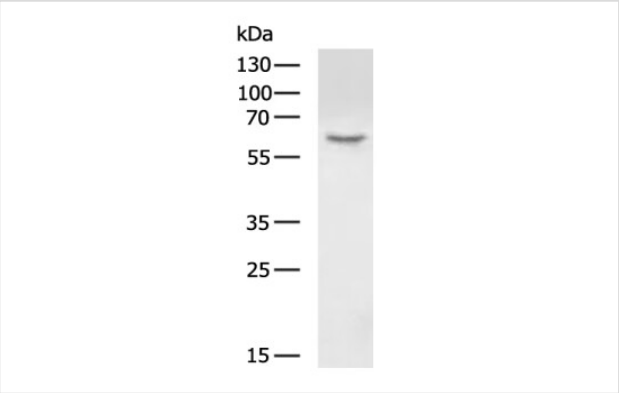
Product Name	HAS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB,IHC,ELISA
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HAS1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human hyaluronan synthase 1
Target Name	HAS1
Other Names	HAS
Accession No.	Swiss-Prot#: Q92839NCBI Gene ID: 3036Gene Accssion: NP_001514
Uniprot	Q92839
GeneID	3036;
SDS-PAGE MW	65kd
Concentration	1.2 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

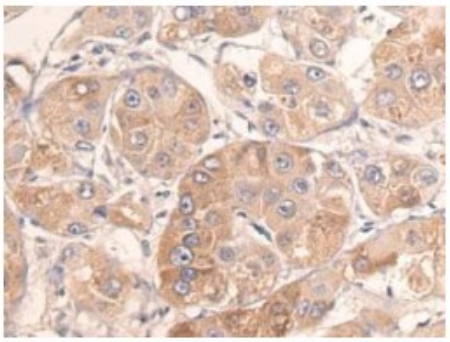
Western blotting: 1:500~1:2000

Immunohistochemistry: 1:50~1:200

Images



Gel: 8%SDS-PAGELysate: 40 ΞOgLane: A172 cell lysatePrimary antibody: HAS1 Antibody at dilution 1/650Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilutionExposure time: 1 minute



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using HAS1 Antibody at dilution 1/50. (Original magnification: Γ 200)

Background

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.

Note: This product is for in vitro research use only