

HAS1 Conjugated Antibody

Catalog No: #C37613

Package Size: #C37613-AF350 100ul #C37613-AF405 100ul #C37613-AF488 100ul #C37613-AF555 100ul #C37613-AF594 100ul #C37613-AF647 100ul #C37613-AF680 100ul #C37613-AF750 100ul #C37613-Biotin 100ul #C37613-Conjugated 50ul

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Description

Product Name	HAS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB,IF,IHC,ELISA
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HAS1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human hyaluronan synthase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HAS
Accession No.	Swiss-Prot#:Q92839NCBI Gene ID:3036NCBI mRNA#:NCBI Protein#:NP_065822
Calculated MW	65
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

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 and is not intended for use in humans or animals.