

HAPLN1 Rabbit Monoclonal Antibody

Catalog #: EAB21475

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, IHC-P, IF/ICC	40	Human, Mouse, Rat, Zebrafish

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IHC-P(Immunohistochemistry-Paraffin)	1:50-200
IF/ICC(Immunofluorescence/Immunocytochemistry)	1:50-200

Product Information

Conjugate	Unconjugate
Specificity	HAPLN1 Rabbit Monoclonal Antibody detects endogenous levels of HAPLN1 protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	P10915
Entrez-Gene Id	1404

Product Description

The human cartilage link protein, also designated HAPLN1, is a member of the hyaluronan and proteoglycan link protein (HAPLN) family of proteins. This family contains 4 proteins with approximately 50% homology. The human cartilage link protein strengthens tissue architecture by using hyaluronic acid to stabilize the aggregates of proteoglycan monomers inside the extracellular cartilage matrix. It is widely expressed in most tissue types except brain tissue where, much like the other human cartilage link protein genes, it is weakly expressed. The HAPLN and the brain-specific CSPG genes, as well as other members of the link module superfamily, appear to have a common ancestral gene origin.

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