

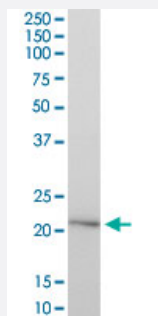
MaxPab®

HYAL1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003373-B01P

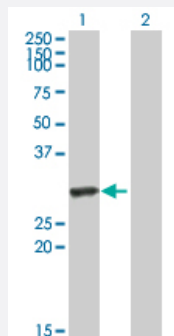
Size 50 ug

Applications



Western Blot (Tissue lysate)

HYAL1 MaxPab polyclonal antibody. Western Blot analysis of HYAL1 expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of HYAL1 expression in transfected 293T cell line ([H00003373-T01](#)) by HYAL1 MaxPab polyclonal antibody.

Lane 1: HYAL1 transfected lysate(27.83 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HYAL1 protein.
Immunogen	HYAL1 (NP_695015.1, 1 a.a. ~ 253 a.a) full-length human protein.
Sequence	MAGTLQLGRALRPRGLWGFYGFDPDCYNYDFLSPNYTGQCPSGIRAQNDQLGWLWGQSRALYPSI YMPAVLEGTGKSQMYVQHRVAEAFRVAVAAGDPNLPVLPYVQIFYDTTNHFLPLDELEHSLGESA AQGAAGVVLWVSWENTRTKESCQAIKEYMDTTLGPFILNVTSGALLCSQALCSGHGRCVVRTSH PKALLLLNPASFSIQLTPGGGPLSLRGALSLEDQAQMAVEFKCRCYPGWQAPWCERKSMW
Host	Mouse
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — HYAL1

Entrez GeneID	3373
GeneBank Accession#	NM_153283.1
Protein Accession#	NP_695015.1
Gene Name	HYAL1
Gene Alias	HYAL-1, LUCA1, MGC45987, NAT6
Gene Description	hyaluronoglucosaminidase 1
Omim ID	601492 607071
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

hyaluronidase 1|plasma hyaluronidase|tumor suppressor LUCA-1

Publication Reference

- [Increased hyaluronic acid content in idiopathic pulmonary arterial hypertension.](#)

Papakonstantinou E, Kouri FM, Karakiulakis G, Klagas I, Eickelberg O.

The European Respiratory Journal 2008 Sep; 32(6):1504.

Pathway

- [Glycosaminoglycan degradation](#)
- [Metabolic pathways](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)