10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Hyaluronidase2 Rabbit pAb

Catalog # AP98801

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q12891
Other Accession	Q12891
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53860
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HYAL2
Epitope Specificity	111-210/473
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycosyl hydrolase 56 family. Contains 1 EGF-like domain.
SUBUNIT	Interacts with MST1R.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R.

Additional Information

Gene ID	8692
Other Names	LUCA2; MCCS; HYAL2_HUMAN; HYAL2; Hyal-2; Hyaluronoglucosaminidase-2; Lung carcinoma protein 2 (LuCa-2); 3.2.1.35; HYAL2_MOUSE; HYAL2_RAT; hyaluronidase 2; hyaluronoglucosaminidase 2; lysosomal hyaluronidase; PH-20 homolog
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HYAL2

Synonyms	LUCA2
Function	Catalyzes hyaluronan degradation into small fragments that are endocytosed and degraded in lysosomes by HYAL1 and exoglycosidases (PubMed:9712871). Essential for the breakdown of extracellular matrix hyaluronan (PubMed:28081210).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	Widely expressed (at protein level).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.