

Matrilin 4 Rabbit pAb

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Catalog # AP57218

Product Information

Application	WB
Primary Accession	O95460
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68487
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Matrilin 4
Epitope Specificity	421-520/622
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Secreted.

Important Note This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions This gene encodes a member of von Willebrand factor A domain-containing protein family. The proteins of this family are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This family member is thought to play a role in reorganizing and regenerating the corneal matrix in granular and lattice type I dystrophies. It may also be involved in wound healing in the dentin-pulp complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Additional Information

Gene ID	8785
Other Names	Matrilin-4, MATN4
Dilution	WB=1:500-2000
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.

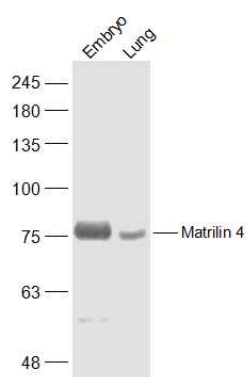
Protein Information

Name	MATN4
Function	Major component of the extracellular matrix of cartilage.
Cellular Location	Secreted.
Tissue Location	Embryonic kidney, lung and placenta.

Background

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Images



Sample:

Embryo (Mouse) Lysate at 40 ug

Lung (Mouse) Lysate at 40 ug

Primary: Anti-Matrilin 4 (AP57218) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 66 kD

Observed band size: 76 kD

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