

Matrilin-2 Polyclonal Antibody

CATALOG #:	3840-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acids 931 of human Matrilin-2 (Internal ID# BV-875)
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Matrilin-2 polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

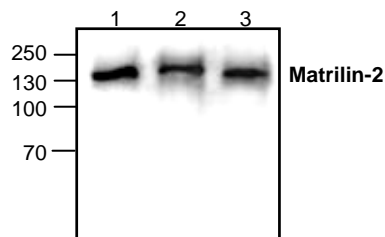
Matrilin-2 is part of the Matrilin family of secreted extracellular matrix proteins that consist of Matrilin -1 to Matrilin-4. Matrilin-2 encodes a member of the von Willebrand factor A domain protein family. It is involved in matrix assembly and development of filamentous networks in the extracellular matrices of various tissues.

SPECIFICITY:

The antibody recognizes 120-150 kDa Matrilin-2 from samples of human, mouse and rat origins. An additional ~55 kDa band and a ~38 kDa band can also be detected in rat kidney and Jurkat cells, individually. Other species have not been determined.

APPLICATION:

The antibody has been used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3840BP-50) is available separately.



Matrilin-2

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Western blot analysis of Matrilin-2 in Rat kidney tissue lysate (**Lane 1**), 3T3 cell lysate (**Lane 2**) and Jurkat cell lysate (**Lane 3**).

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