

Datasheet for ABIN2787330
anti-MATN2 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	MATN2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MATN2
Sequence:	AVGVGKAIEE ELQEIASEPT NKHLFYAEDF STMDEISEKL KKGICEALED
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 91%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against MATN2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MATN2
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Target Details

Alternative Name:	MATN2 (MATN2 Products)
Background:	<p>MATN2 is a member of the von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains five von Willebrand factor A domains. The specific function of this gene has not yet been determined. This gene encodes a member of the von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains five von Willebrand factor A domains. The specific function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: -</p> <p>Protein Interaction Partner: DVL3, CBFA2T3, ATXN1L, ATXN1, ATXN7, CACNA1A, MATN4, MATN2, COL4A6, COL4A5, FN1, FBN2, COL1A1, COL4A4, COL4A1, COL4A2, COL4A3, MATN1, MATN3,</p> <p>Protein Size: 937</p>
Molecular Weight:	102 kDa
Gene ID:	4147
NCBI Accession:	NM_030583 , NP_085072
UniProt:	A8K106

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 937 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Zhang, Yao, Yu, Ni, Zhang, Wang, Lai: "Effects of 1.8 GHz radiofrequency radiation on protein expression in human lens epithelial cells." in: Human & experimental toxicology , Vol. 32, Issue 8, pp. 797-806, (2013) (PubMed).
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Validation report #103662 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-MATN2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human Lung