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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57667_P050-HRP
Product Page	www.avivasysbio.com/matn2-antibody-middle-region-hrp-arp57667-p050-hrp.html
Name	MATN2 Antibody - middle region : HRP (ARP57667_P050-HRP)
Protein Size (# AA)	937 amino acids
Molecular Weight	102kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	4147
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Matrilin 2
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: AVGVGKAIIEEELQEIASEPTNKHLYAEDEFSTMDEISEKLLKKGICEALED
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Ichikawa, T., (2008) Biochem Biophys. Res. Commun. 369 (4), 994-1000
Description of Target	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.
Protein Interactions	DVL3; CBFA2T3; ATXN1L; ATXN1; ATXN7; CACNA1A; MATN4; MATN2; COL4A6; COL4A5; FN1; FBN2; COL1A1; COL4A4; COL4A1; COL4A2; COL4A3; MATN1; MATN3;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MATN2 (ARP57667_P050-HRP) antibody
Blocking Peptide	For anti-MATN2 (ARP57667_P050-HRP) antibody is Catalog # AAP57667 (Previous Catalog # AAPP35443)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MATN2
Uniprot ID	A8K106
Protein Name	Matrilin-2
Publications	Szalai, E. et al. Fibrillin-2, tenascin-C, matrilin-2, and matrilin-4 are strongly expressed in the epithelium of human granular and lattice type I corneal dystrophies. Mol. Vis. 18, 1927-36 (2012). IHC, Human, Mouse, Rat, Guinea pig, Bovine, Dog, Rabbit, Horse, Zebrafish 22876117
Protein Accession #	NP_085072
Purification	Affinity Purified
Nucleotide Accession #	NM_030583
Gene Symbol	MATN2

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 91%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 82%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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