

# MATN1 antibody - middle region (ARP42035\_P050)

## Data Sheet

<b>Product Number</b>	ARP42035_P050
<b>Product Name</b>	MATN1 antibody - middle region (ARP42035_P050)
<b>Size</b>	50ug
<b>Gene Symbol</b>	<a href="#">MATN1</a>
<b>Alias Symbols</b>	CMP; CRTM
<b>Nucleotide Accession#</b>	<a href="#">NM_002379</a>
<b>Protein Size (# AA)</b>	496 amino acids
<b>Molecular Weight</b>	54kDa
<b>Product Format</b>	Lyophilized powder
<b>NCBI Gene Id</b>	4146
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Official Gene Full Name</b>	Matrilin 1, cartilage matrix protein
<b>Description</b>	This is a rabbit polyclonal antibody against MATN1. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">KYLIDNSFTVSSGARPGAQKVGVFDTGRSQDYINDAAKKAKDLGFKMFA</a>
<b>Target Reference</b>	Gregory,S.G., (2006) Nature 441 (7091), 315-321
<b>Description of Target</b>	This gene encodes a member of von Willebrand factor A domain containing protein family. This family of proteins are thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. Mutations of this gene ha
<b>Partner Proteins</b>	F2R, ACAN, BCAN, BSG, CCL13, CCL2, CCL7, CD44, CMA1, COL2A1, IGFBP3, ITGA2, MMP7, SERPINA3, TFPI, TIMP1, TNFSF11, BCAN, BSG, ITGA2, TIMP1
<b>Reconstitution and Storage</b>	Add 50 ul of distilled water. Final anti-MATN1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
<b>Lead Time</b>	Domestic: within 24 hours delivery International: 3-5 business days
<b>Blocking Peptide</b>	For anti-MATN1 antibody is Catalog # AAP42035 (Previous Catalog # AAPP24516)
<b>Immunogen</b>	The immunogen for anti-MATN1 antibody: synthetic peptide directed towards the middle region of human MATN1
<b>Swissprot Id</b>	<a href="#">P21941</a>
<b>Protein Name</b>	Cartilage matrix protein
<b>Sample Type Confirmation</b>	MATN1 is strongly supported by BioGPS gene expression data to be expressed in OVCAR3
<b>Protein Accession #</b>	<a href="#">NP_002370</a>
<b>Purification</b>	Affinity Purified
<b>Species Reactivity</b>	Human, Bovine, Dog, Horse, Rabbit, Guinea pig, Mouse, Rat
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Human OVCAR3

90 kDa  
65 kDa



**WB Suggested Anti-MATN1 Antibody Titration:**  
0.2-1 ug/ml

**Image 1**



**ELISA Titer:** 1:12500

**Positive Control:** OVCAR-3 cell lysate

MATN1 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

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.