

Datasheet for ABIN2777117
anti-MATN1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MATN1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MATN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MATN1
Sequence:	KYLIDNSFTV SSGARPGAQK VGIVFTDGRS QDYINDAAKK AKDLGFKMFA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MATN1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MATN1
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Target Details

Alternative Name:	MATN1 (MATN1 Products)
Background:	<p>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</p> <p>Alias Symbols: CMP, CRTM</p> <p>Protein Interaction Partner: MATN4, MATN3, MATN2, ITGA1, COL2A1, MATN1,</p> <p>Protein Size: 496</p>
Molecular Weight:	54 kDa
Gene ID:	4146
NCBI Accession:	NM_002379 , NP_002370
UniProt:	P21941

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 496 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
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.



Western Blotting

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

Western Blotting

Image 2. WB Suggested Anti-MATN1 Antibody Titration: 0.2-1 µg/mL 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