

Datasheet for ABIN2776882
anti-Periostin antibody (N-Term)



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3 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human POSTN
Sequence:	RAAAITSDIL EALGRDGHFT LFAPTNEAFE KLPRGVLERI MGDKVASEAL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against POSTN. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Periostin (POSTN)
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Target Details

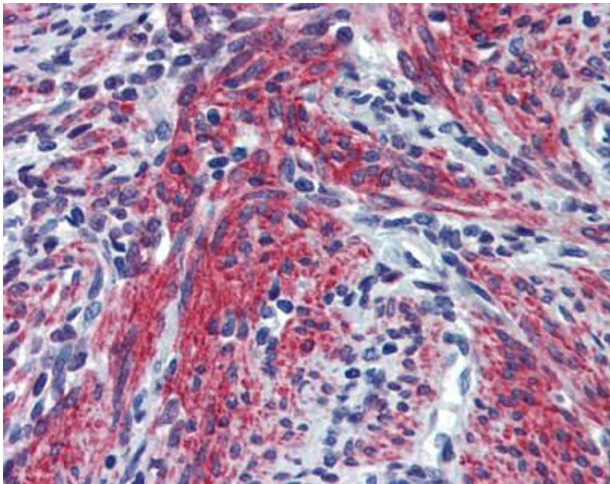
Alternative Name:	POSTN (POSTN Products)
Background:	POSTN binds to heparin. Induces cell attachment and spreading and plays a role in cell adhesion. POSTN may play a role in extracellular matrix mineralization. Alias Symbols: MGC119510, MGC119511, OSF-2, PDLPOSTN, PN, RP11-412K4.1, periostin, OSF2 Protein Size: 836
Molecular Weight:	93 kDa
Gene ID:	10631
NCBI Accession:	NM_006475 , NP_006466
UniProt:	Q15063

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 836 AA
Restrictions:	For Research Use only

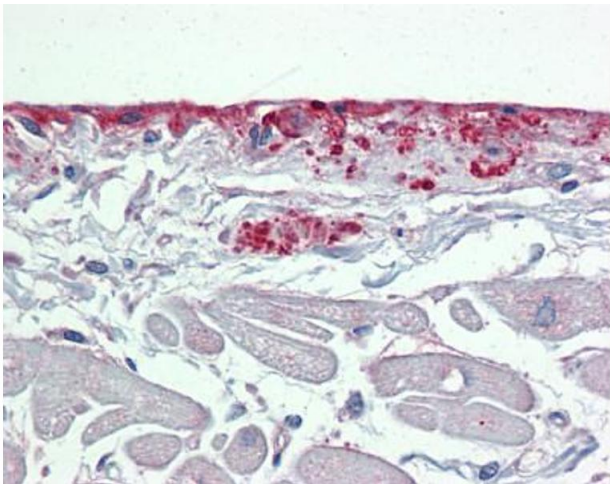
Handling

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.



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Immunohistochemistry with Small intestine tissue at an antibody concentration of 5µg/ml using anti-POSTN antibody (ARP41570_P050)



Western Blotting

Image 3. WB Suggested Anti-POSTN Antibody Titration: 1 ug/ml Positive Control: 721_B cell lysate