

Rabbit NOMO1 Polyclonal Antibody | anti-NOMO1 antibody

NOMO1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200450	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

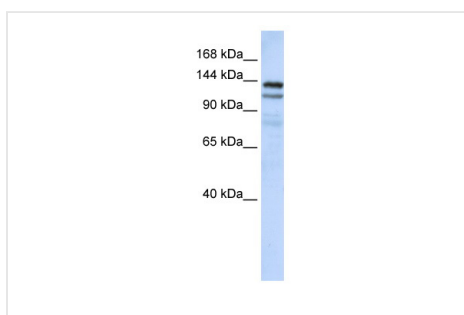
PRODUCT SYNONYMS

NOMO1; Polyclonal Antibody; NOMO1 antibody - C-terminal region; anti-NOMO1 antibody

PRODUCT SPECIFICATIONS

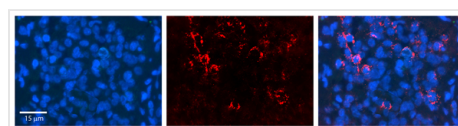
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: QD IAQGSYIALP LTLVLLAGY NHDKLIPLLL QLTSRLQGVR ALGQAASD
Sequence Length	1222
Applicable Applications for anti-NOMO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NOMO1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NOMO1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:31250
 Positive Control: MCF7 cell lysate
 NOMO1 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells



IHC (Immunohistochemistry)

NOMO1 antibody - C-terminal region
 Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue
 Observed Staining: Cytoplasm in Human Pineal Tissue
 Primary Antibody Concentration: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-NOMO1 antibody	This is a rabbit polyclonal antibody against NOMO1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NOMO1 was originally thought to be related to the collagenase gene family. This gene is one of three highly similar genes in a region of duplication located on the p arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are associated with pseudoxanthoma elasticum (PXE). This gene encodes a protein originally thought to be related to the collagenase gene family. This gene is one of three highly similar genes in a region of duplication located on the p arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are associated with pseudoxanthoma elasticum (PXE).
Product Categories/Family for anti-NOMO1 antibody	Polyclonal; Signal Proteins; Developmental Biology; Signal Transduction; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	51944953
NCBI GeneID	23420
NCBI Accession #	NP_055102
NCBI GenBank Nucleotide #	NM_014287
UniProt Accession #	P69849; Q15155
Molecular Weight	134kDa
NCBI Official Full Name	nodal modulator 1
NCBI Official Synonym Full Names	NODAL modulator 1
NCBI Official Symbol	NOMO1
NCBI Official Synonym Symbols	PM5; Nomo
NCBI Protein Information	nodal modulator 1
UniProt Protein Name	Nodal modulator 3
UniProt Gene Name	NOMO3
UniProt Entry Name	NOMO3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/nomo1-antibody-immunohistochemistry-western-blot-elisa/200450>