



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54997_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/nomo1-antibody-n-terminal-region-biotin-arp54997-p050-biotin.html">www.avivasysbio.com/nomo1-antibody-n-terminal-region-biotin-arp54997-p050-biotin.html</a>
Name	NOMO1 Antibody - N-terminal region : Biotin (ARP54997_P050-Biotin)
Protein Size (# AA)	1222 amino acids
Molecular Weight	134kDa
Conjugation	Biotin
NCBI Gene Id	23420
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	NODAL modulator 1
Alias Symbols	PM5, Nomo
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">DGSFRLNITIGTYITHAQKEHLYFETVTIKIAPNTPQLADIATGFSVC</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lim,J., (2006) Cell 125 (4), 801-814
Description of Target	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).
Protein Interactions	UBC; TRIM63; TRIM55; EXOSC10; FBXO6; UPF2; STAT1; ECT2; TIMM10; PLEC; ILF3; UBQLN4; SHBG; CDK2; TOM1L1; BAG6; NCLN;
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 <a href="#">anti-NOMO1 (ARP54997_P050-Biotin) antibody</a>
Blocking Peptide	For anti-NOMO1 (ARP54997_P050-Biotin) antibody is <a href="#">Catalog # AAP54997</a> (Previous Catalog # AAPP32258)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NOMO1
Uniprot ID	<a href="#">P69849</a>
Protein Name	Nodal modulator 3
Sample Type Confirmation	NOMO1 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	<a href="#">NP_055102</a>
Purification	Affinity Purified

<b>Nucleotide Accession #</b>	<a href="#">NM_014287</a>
<b>Gene Symbol</b>	<a href="#">NOMO1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
<b>Image 1</b>	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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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