



# 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-HRP   |
| Product Page               | <a href="http://www.avivasysbio.com/nomo1-antibody-n-terminal-region-hrp-arp54997-p050-hrp.html">www.avivasysbio.com/nomo1-antibody-n-terminal-region-hrp-arp54997-p050-hrp.html</a>  |
| Name                       | NOMO1 Antibody - N-terminal region : HRP (ARP54997_P050-HRP)  |
| Protein Size (# AA)        | 1222 amino acids  |
| Molecular Weight           | 134kDa  |
| Conjugation                | HRP: Horseradish Peroxidase   |
| 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:<br><a href="#">DGSFRLNITIGTYITHAQKEHLYFETVTIKIAPNTPQLADIATGFSVC</a>  |
| Product Format             | Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.   |
| 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-HRP) antibody</a>   |
| Blocking Peptide           | For anti-NOMO1 (ARP54997_P050-HRP) 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   |
| Nucleotide Accession #     | <a href="#">NM_014287</a>   |
| Gene Symbol                | <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. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The N-termini of the light chains are extended outwards, forming the two antigen-binding arms of the antibody. |

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