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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54997_P050-FITC
Product Page	www.avivasysbio.com/nomo1-antibody-n-terminal-region-fitc-arp54997-p050-fitc.html
Name	NOMO1 Antibody - N-terminal region : FITC (ARP54997_P050-FITC)
Protein Size (# AA)	1222 amino acids
Molecular Weight	134kDa
Conjugation	FITC: Fluorescein Isothiocyanate
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: DGSFRLNITIGTYITHAQKEHLYFETVTIKIAPNTPQLADIATGFSVC
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 anti-NOMO1 (ARP54997_P050-FITC) antibody
Blocking Peptide	For anti-NOMO1 (ARP54997_P050-FITC) antibody is Catalog # AAP54997 (Previous Catalog # AAPP32258)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NOMO1
Uniprot ID	P69849
Protein Name	Nodal modulator 3
Sample Type Confirmation	NOMO1 is supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_055102
Purification	Affinity Purified

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

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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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