

# Product datasheet

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## ARG40542 anti-NOMO1 + NOMO2 + NOMO3 antibody

Package: 100 μl Store at: -20°C

### **Summary**

Product Description Rabbit Polyclonal antibody recognizes NOMO1 + NOMO2 + NOMO3

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name NOMO1 + NOMO2 + NOMO3

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 873-1222 of Human NOMO2 (NP\_001004060.1).

Conjugation Un-conjugated

Alternate Names Nodal modulator 2; PM5; pM5 protein 2; Nomo

## **Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BxPC-3	
Observed Size	~ 140 kDa	

#### **Properties**

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

#### Bioinformation

Gene Symbol NOMO2

Gene Full Name NODAL modulator 2

Background 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). Two transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

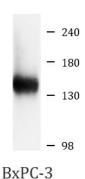
Function May antagonize Nodal signaling and subsequent organization of axial structures during mesodermal

patterning, via its interaction with NCLN. [UniProt]

Calculated Mw 139 kDa

Cellular Localization Endoplasmic reticulum membrane; Single-pass membrane protein. [UniProt]

#### **Images**



#### ARG40542 anti-NOMO1 + NOMO2 + NOMO3 antibody WB image

Western blot: 25  $\mu g$  of BxPC-3 cell lysate stained with ARG40542 anti-NOMO1 + NOMO2 + NOMO3 antibody at 1:1000 dilution.