10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

NODAL Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21320a

Specification

NODAL Antibody - Product Information

Application	**WB,E**
Primary Accession	Q96S42
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39561**

NODAL Antibody - Additional Information

Gene ID 4838

Other Names
Nodal homolog, NODAL

Target/Specificity
This NODAL antibody is generated from a rabbit immunized with a recombinant protein.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NODAL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

NODAL Antibody - Protein Information

Name NODAL

Function Essential for mesoderm formation and axial patterning during embryonic development.

Cellular Location
Secreted.

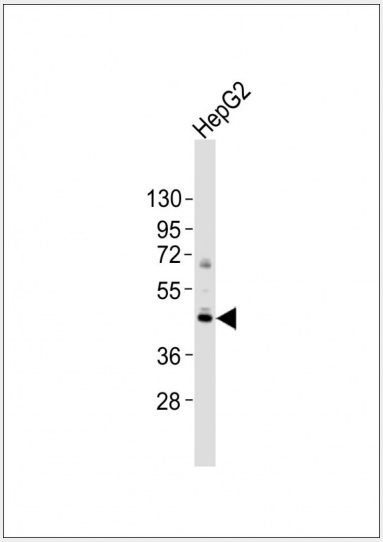
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NODAL Antibody - Protocols

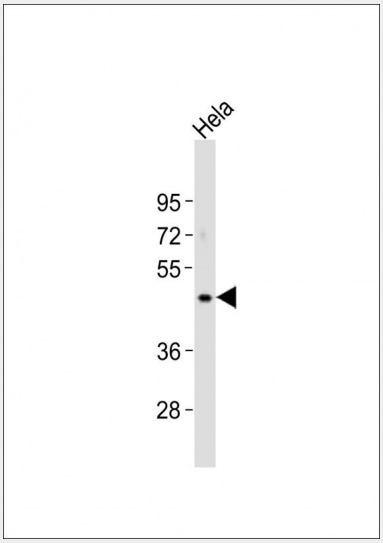
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NODAL Antibody - Images



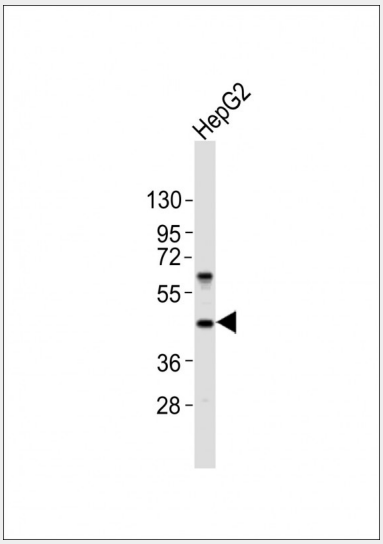
Anti-NODAL Antibodyat 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-NODAL Antibodyat 1:2000 dilution + Hela whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted

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band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-NODAL Antibodyat 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NODAL Antibody - Background

Essential for mesoderm formation and axial patterning during embryonic development.

NODAL Antibody - References

Tate Genshu T.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
Deloukas P.,et al.Nature 429:375-381(2004).
Gebbia M.,et al.Nat. Genet. 17:305-308(1997).
Sjoeblom T.,et al.Science 314:268-274(2006).
Mohapatra B.,et al.Hum. Mol. Genet. 18:861-871(2009).