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Datasheet for ABIN2856412 anti-Nodal antibody (Center)

5 Images



Overview

Quantity:	100 µL
Target:	Nodal (NODAL)
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Nodal antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Nodal. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Cow (Bovine)
Cross-Reactivity (Details):	Bovine (93 %)
Characteristics:	Rabbit Polyclonal antibody to Nodal (nodal homolog (mouse)) Nodal antibody
Purification:	Purified by antigen-affinity chromatography.

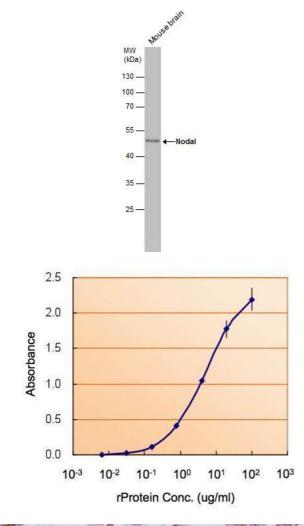
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Target Details	
Target:	Nodal (NODAL)
Alternative Name:	Nodal (NODAL Products)
Background:	The protein encoded by this gene is a member of the TGF-beta superfamily. Studies of the
	mouse counterpart suggested that this gene may be essential for mesoderm formation and
	subsequent organization of axial structures in early embryonic development.
	Cellular Localization: Secreted
Molecular Weight:	40 kDa
Gene ID:	4838
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Stem Cell Maintenance, Tube Formation, Positive Regulation of
	Endopeptidase Activity
Application Details	
Application Notes:	Suggested dilution Reference ELISA 1:1000-1:10000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal
	dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceELISA1:1000-1:10000* IHC (Formalin-fixed paraffin-embedded
	sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: Human ESC
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	-20 °C

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Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images

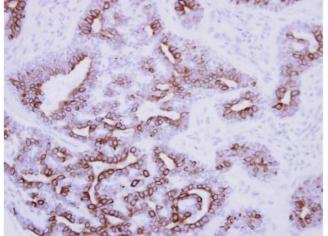


Western Blotting

Image 1. WB Image Mouse tissue extract (50 μ g) was separated by 10% SDS-PAGE, and the membrane was blotted with Nodal antibody, diluted at 1:500.

ELISA

Image 2. ELISA Image ELISA detection of NODAL using for capture at a concentration of $5 \mu g/mL$ and for detection at a concentration of $1.5 \mu g/mL$.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using Nodal, antibody at 1:250 dilution.

Please check the product details page for more images. Overall 5 images are available for ABIN2856412.

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