Datasheet for ABIN6391350

anti-Nodal antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	Nodal (NODAL)
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Nodal antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	NODAL
Sequence:	DRSQLCRKVK FQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Nodal (NODAL)

Target Details

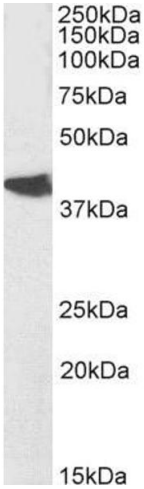
Alternative Name:	NODAL (NODAL Products)
Background:	NODAL, nodal growth differentiation factor, HTX5
Gene ID:	4838
NCBI Accession:	NP_060525
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Stem Cell Maintenance, Tube Formation, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Placenta and Brain (Cortex). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 40 kDa band observed in Rat Brain lysates (calculated MW of 40.5 kDa according to NP_001099864.1). Recommended concentration: 0.01-0.1 µg/mL. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Brain for this p Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN6391350 (0.03µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.