

Anti-Nodal homolog Nodal Antibody

Catalog Number: A07627-1

About NODAL

Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins. Seems to negatively regulate the level of HIF1A expression, although this effect could be indirect.

Wang M., Proc. Natl. Acad. Sci. U.S.A. 91:10591-10595(1994).

Van Eynde A., Eur. J. Biochem. 261:291-300(1999).

Liu J.P., Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-Nodal homolog Nodal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Nodal homolog Nodal Antibody catalog # A07627-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q96S42

Technical Details

Immunogen	Synthesized peptide derived from human Nodal.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC-P 1:100-1:300

ELISA 1:10000

Anti-Nodal homolog Nodal Antibody (A07627-1) Images

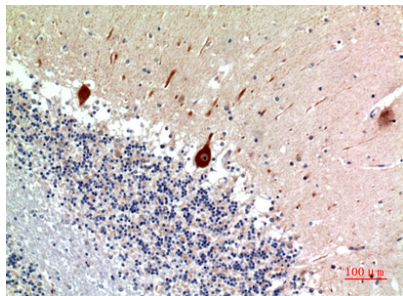


Figure 2. Immunohistochemistry validation of NODAL using Anti-Nodal homolog Nodal Antibody (A07627-1).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Brain

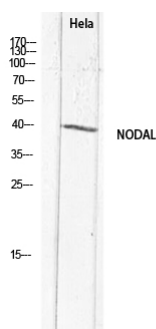


Figure 1. Western blotting validation for Anti-Nodal homolog Nodal Antibody A07627-1

Western Blot (WB) analysis of HeLa lysis using NODAL antibody.

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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