



Anti-NODAL polyclonal antibody (DPABY-726)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. [provided by RefSeq]
Immunogen	Recombinant fragment corresponding to a region within amino acids 144 and 347 of Nodal (Uniprot ID#Q96S42)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Purified by antigen-affinity chromatography.
Conjugate	Unconjugated
Applications	ELISA Pr*, IHC-P, WB
Molecular Weight	40 kDa
Cellular Localization	Secreted
Positive Control	Human ESC
Format	Liquid
Concentration	1 mg/ml
Size	25 µl
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.

Preservative	None
Storage	Keep as concentrated solution. Aliquot and store at -34°C or below. Avoid multiple freeze-thaw cycles.

GENE INFORMATION

Gene Name	NODAL nodal growth differentiation factor [Homo sapiens (human)]
Official Symbol	NODAL
Synonyms	NODAL; nodal growth differentiation factor; HTX5; nodal homolog;
Entrez Gene ID	4838
Protein Refseq	NP_060525
UniProt ID	Q96S42
Chromosome Location	10q22.1
Pathway	Cardiac Progenitor Differentiation; Developmental Biology; Integrated Pancreatic Cancer Pathway; Regulation of signaling by NODAL; Signaling by NODAL; TGF-beta signaling pathway;
Function	cytokine activity; growth factor activity; morphogen activity; receptor agonist activity; type I activin receptor binding;