



Anti-NODAL (aa 275-346) polyclonal antibody (DPAB-DC2040)

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.
Immunogen	NODAL (NP_060525, 275 a.a. ~ 346 a.a) partial recombinant protein with GST tag. The sequence is RCEGECPNPVGEEFHPTNHAYIQSLLKRYQPHRVPSTCCAPVKTPLSMLYVDNGRVLLD HHKDMIVEECGC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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; Integrated Pancreatic Cancer Pathway; Signaling by NODAL; TGF-beta signaling pathway
Function	cytokine activity; growth factor activity; morphogen activity; receptor agonist activity