



Anti-NODAL (internal region) polyclonal antibody (DPAB-DC2039)

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	A synthetic peptide corresponding to internal region of human NODAL. The sequence is ECPNPVGEEFH
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA, sELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. 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