



## 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

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

### GENE INFORMATION

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| <b>Gene Name</b> | <a href="#">NODAL nodal growth differentiation factor [ Homo sapiens (human) ]</a> |
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| <b>Official Symbol</b>     | NODAL  |
| <b>Synonyms</b>            | NODAL; nodal growth differentiation factor; HTX5; nodal homolog;   |
| <b>Entrez Gene ID</b>      | <a href="#">4838</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_060525</a>  |
| <b>UniProt ID</b>          | <a href="#">Q96S42</a>   |
| <b>Chromosome Location</b> | 10q22.1  |
| <b>Pathway</b>             | Cardiac Progenitor Differentiation; Integrated Pancreatic Cancer Pathway; Signaling by NODAL; TGF-beta signaling pathway |
| <b>Function</b>            | cytokine activity; growth factor activity; morphogen activity; receptor agonist activity                                 |

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