

DNAxPAb

Hard-to-Find
Antibody

LEFTY2 DNAxPab

Catalog # H00007044-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LEFTY2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MWPLWLCWALWVPLAGPGAALTEEQLLGSLLRQLQLSEVPVLDRADMEKLVIPAHVRAQYVVL LRRSHGDRSRGKRFSQSFRVAGRFLASEASTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPKA ALHRHGRLSPRSAQARVTVEWLRVRDDGSNRTSLIDSRLVSVHESGWKAFDVTEAVNFWQQLS RPRQPLLLQVSVQREHLGPLASGAHKLVRFASQGAPAGLGEPQLELHTLDRDYGAQGDCDPE APMTEGTRCCRQEMYDLQGMKWAKNWWLEPPGFLAYECVGTCCQPPEALAFNWPFLGPRQCI ASETASLPMVSIKEGGRTRPQVVSLPNMRVQKCSCASDGALVPRRLQP
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — LEFTY2

Entrez GeneID [7044](#)

GeneBank Accession# [NM_003240.2](#)

Protein Accession# [NP_003231.2](#)

Gene Name LEFTY2

Gene Alias EBAF, LEFTA, LEFTYA, MGC46222, TGFB4

Gene Description left-right determination factor 2

Omim ID [601877](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and plays a role in left-right asymmetry determination of organ systems during development. The protein may also play a role in endometrial bleeding. Mutations in this gene have been associated with left-right axis malformations, particularly in the heart and lungs. Some types of infertility have been associated with dysregulated expression of this gene in the endometrium. Alternative processing of this protein can yield three different products. This gene is closely linked to both a related family member and a related pseudogene. [provided by RefSeq]

Other Designations OTTHUMP00000035570|endometrial bleeding associated factor|endometrial bleeding associated factor (left-right determination, factor A; transforming growth factor beta superfamily)|transforming growth factor, beta-4 (endometrial bleeding-associated factor;

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)

- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)