

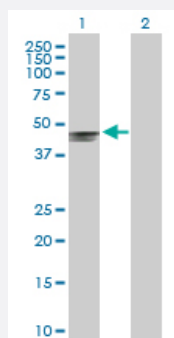
MaxPab®

LEFTY2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007044-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of LEFTY2 expression in transfected 293T cell line ([H00007044-T01](#)) by LEFTY2 MaxPab polyclonal antibody.

Lane 1: LEFTY2 transfected lysate(40.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human LEFTY2 protein.

Immunogen

LEFTY2 (NP_003231.2, 1 a.a. ~ 366 a.a) full-length human protein.

Sequence

MWPLWLCWALWVLPLAGPGAALTEEQLLGSLLRQLQLSEVPVLDRADMEKLVIPAHVRAQYVVL
LRRSHGDRSRGKRFSQSFFREVAGRFLASEASTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPKA
ALHRHGRLSPRSAQARVTVEWLRVRDDGSNRTSLIDSRLVSVHESGWKAQFDVTEAVNFWQQLS
RPRQPLLLQVSVQREHLGPLASGAHKLVRFASQGAPAGLGEPQLELHTLDRDYGAQGDCEPE
APMTEGTRCCRQEMYIDLQGMKWAKNWWLEPPGFLAYECVGTCCQPPEALAFNWPFLGPRQCI
ASETASLPMMSIKEGGRTRPQVVSPLNMRVQKCSCASDGALVPRRLQP

Host

Rabbit

Reactivity

Human

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)

Western Blot analysis of LEFTY2 expression in transfected 293T cell line ([H00007044-T01](#)) by LEFTY2 MaxPab polyclonal antibody.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — LEFTY2

Entrez GeneID [7044](#)

GeneBank Accession# [NM_003240](#)

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](#)