

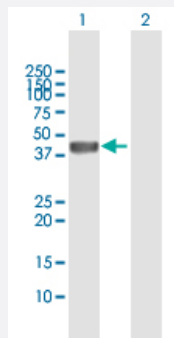
MaxPab®

LEFTY2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00007044-D01

Size 100 uL

Applications

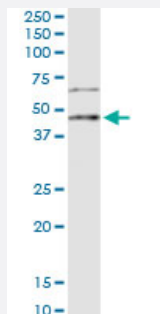


Western Blot (Transfected lysate)

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

Lane 1: LEFTY2 transfected lysate(40.9 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of LEFTY2 transfected lysate using anti-LEFTY2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with LEFTY2 purified MaxPab mouse polyclonal antibody (B01P) ([H00007044-B01P](#)).

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

MWPLWLCWALWVLPLAGPGAALTEEQLLGSLRQLQLSEVPVLDRADMEKLVIPAHVRAQYVVL
LRRSHGDRSRGKRFSQSFRVAGRFLASEASTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPKA
ALHRHGRLSPRSAQARVTVEWLRVRDDGSNRTSLIDSRLVSVHESGWKAFDVTEAVNFWQQLS
RPRQPLLLQVSVQREHLGPLASGAHKLVRFASQGAPAGLGEPQLELHTDLRDYGAQGDCE
APMTEGTRCCRQEMYIDLQGMKWAKNWWLEPPGFLAYECVGTCCQPPEALAFNWPFLGPRQCI
ASETASLPMVSIKEGGRTRPQVVSLPNMRVQKSCASDGALVPRRLQP

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[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](#)