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Lefty (LEFTB) Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP7297c

Specification

Lefty (LEFTB) Antibody (Center) Blocking peptide - Product Information

Primary Accession O75610

Lefty (LEFTB) Antibody (Center) Blocking peptide - Additional Information

Gene ID 10637

Other Names
Left-right determination factor 1, Left-right determination factor B, Protein lefty-1, Protein lefty-B, LEFTY1, LEFTB, LEFTYB

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7297c was selected from the Center region of human LEFTB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Lefty (LEFTB) Antibody (Center) Blocking peptide - Protein Information

Name LEFTY1

Synonyms LEFTB, LEFTYB

Function
Required for left-right axis determination as a regulator of LEFTY2 and NODAL.

Cellular Location
Secreted.

Lefty (LEFTB) Antibody (Center) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Lefty (LEFTB) Antibody (Center) Blocking peptide - Images

Lefty (LEFTB) Antibody (Center) Blocking peptide - Background

LEFTB is a member of the TGF-beta family of proteins. A similar secreted protein in mouse plays a role in left-right asymmetry determination of organ systems during development. Alternative processing of this protein can yield three different products.

Lefty (LEFTB) Antibody (Center) Blocking peptide - References

Kosaki K.,Am. J. Hum. Genet. 64:712-721(1999)Dvash,T.,Stem Cells 25 (2), 465-472 (2007)Besser,D.,J. Biol. Chem. 279 (43), 45076-45084 (2004)