

Lefty (LEFTB) Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP7297c**Specification**

Lefty (LEFTB) Antibody (Center) Blocking peptide - Product InformationPrimary 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](/product/products/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

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)