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Lefty (LEFTB) Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7297b

Specification

Lefty (LEFTB) Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	O75610
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**40880**
Antigen Region	**283-314**

Lefty (LEFTB) Antibody (C-term) - 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
This Lefty (LEFTB) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 283-314 amino acids from the C-terminal region of human Lefty (LEFTB).

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Lefty (LEFTB) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Lefty (LEFTB) Antibody (C-term) - Protein Information

Name LEFTY1

Synonyms LEFTB, LEFTYB

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

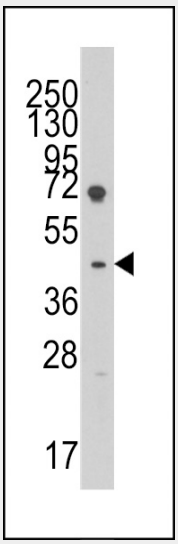
Cellular Location
Secreted.

Lefty (LEFTB) Antibody (C-term) - Protocols

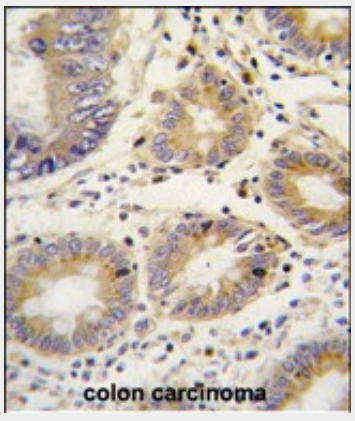
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Lefty (LEFTB) Antibody (C-term) - Images



Western blot analysis of anti-LEFTB(C-term) Pab (Cat.#AP7297b) in HL60 cell line lysates (35ug/lane). LEFTB(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with LEFTB

antibody (C-term) (Cat.#AP7279b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Lefty (LEFTB) Antibody (C-term) - 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 (C-term) - 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)