

Rabbit anti-Human Lefty (LEFTB) Polyclonal Antibody | anti-LEFTY1 antibody

Lefty (LEFTB) Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288788	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

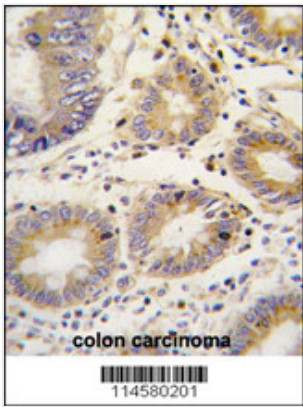
PRODUCT SYNONYMS

Lefty (LEFTB); Polyclonal Antibody; Lefty (LEFTB) Antibody (C-term); Left-right determination factor 1; Left-right determination factor B; Protein lefty-1; Protein lefty-B; LEFTY1; LEFTB; LEFTYB; anti-LEFTY1 antibody

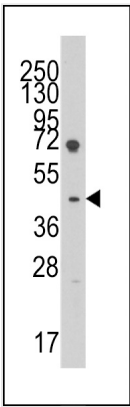
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	283-314
Sequence Length	366
Applicable Applications for anti-LEFTY1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with LEFTB antibody (C-term) , 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-LEFTY1 antibody	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.
Product Categories/Family for anti-LEFTY1 antibody	Developmental Biology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10337603
NCBI GeneID	10637
NCBI Accession #	NP_066277.1
NCBI GenBank Nucleotide #	NM_020997.3
UniProt Accession #	O75610; Q53H67; Q5TE94; B2R7U0
Molecular Weight	40880
NCBI Official Full Name	left-right determination factor 1 preproprotein
NCBI Official Synonym Full Names	left-right determination factor 1
NCBI Official Symbol	LEFTY1
NCBI Official Synonym Symbols	LEFTB; LEFTYB
NCBI Protein Information	left-right determination factor 1
UniProt Protein Name	Left-right determination factor 1
UniProt Gene Name	LEFTY1
UniProt Synonym Gene Names	LEFTB; LEFTYB
UniProt Entry Name	LFTY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/lefty-leftb-antibody-immunohistochemistry-western-blot-elisa/288788>