

Rabbit Left/Right Determination Factor 1 Polyclonal Antibody | anti-LEFTY1 antibody

Polyclonal Antibody to Left/Right Determination Factor 1 (LEFTY1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143826	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Left/Right Determination Factor 1; Polyclonal Antibody; Polyclonal Antibody to Left/Right Determination Factor 1 (LEFTY1); anti-LEFTY1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against LEFTY1. It has been selected for its ability to recognize LEFTY1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-LDRADMEELVIPTHVRAQ YVALLQRSHG DRSRGKRFSQ SFREVAGRFL ALEASTHLLV FGMEQRLPPN SELVQAVLRL FQEPVPKAAL HRHGRLSPRS ARARVTVEWL RVRDDGSNRT SLIDSRLVSV HESGWKAFDV TEAVNFWQQL SRPRQPLLLQ VSVQREHLGP LASGAHKLVR FASQGAPAGL GEPQLELHTL DLGDYGAQGD CDPEAPMTEG TRCCRQEMYI DLQGMKWAEN WVLEPPGFLA YECVGTCTRPQ PEALAFKWPF LGPRQCIASE TDSLPMIVSI KEGGRTRPQV VSLPNMRVQK
Sequence Length	366
Applicable Applications for anti-LEFTY1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	LEFTY1 (Leu43~Leu364)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant LEFTY1 (Leu43~Leu364) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Pancreas tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Porcine Heart lysate; Primary Ab: 5ug/ml Rabbit Anti-Human LEFTY1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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	40,880 Da
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/left-right-determination-factor-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143826>