

Rabbit Lefty Polyclonal Antibody | anti-LEFTY1 antibody

Lefty Antibody

CATALOG # AAA329130	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA
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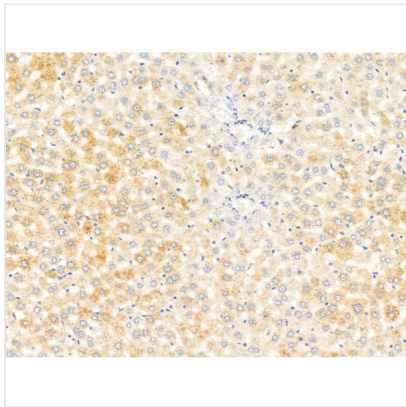
PRODUCT SYNONYMS

Lefty; Polyclonal Antibody; Lefty Antibody; AI450052; Ebaf; Left right determination factor 1; Left right determination factor; Left right determination factor B; left-right determination factor; LEFT-RIGHT DETERMINATION FACTOR 1; LEFTY1; left-right determination; factor B; LEFT-RIGHT DETERMINATION; FACTOR B; LEFTY B; LEFTB; LEFTY 1; lefty-1; MOUSE; HOMOLOG OF; LEFTYB; OTTHUMP00000035572; Protein lefty-1; Protein lefty-B; RGD1561867; Stimulated by retinoic acid gene 3 protein; STRA3; TGF beta 4; TGF-beta-4; Tgfb4; Transforming growth factor beta 4; Transforming growth factor beta-4; anti-LEFTY1 antibody

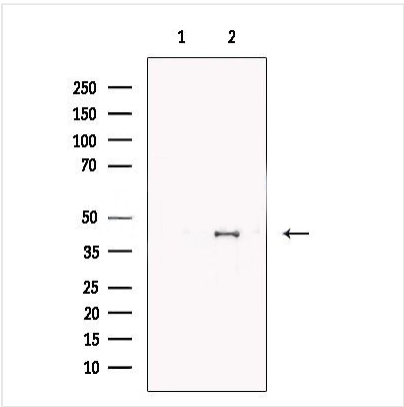
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Lefty Antibody detects endogenous levels of total Lefty.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	366
Applicable Applications for anti-LEFTY1 antibody	ELISA
Immunogen	A synthesized peptide derived from human Lefty, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA329130 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Mouse heart, using Lefty Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LEFTY1 antibody	Function: Required for left-right axis determination as a regulator of LEFTY2 and NODAL.
	Post Translational Modifications: The processing of the protein may also occur at the second R-X-X-R site located at AA 132-135. Processing appears to be regulated in a cell-type specific manner.
	Subcellular Location: Secreted.
	Similarity: Belongs to the TGF-beta family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10337603
NCBI GeneID	10637
NCBI Accession #	NP_066277.1
NCBI GenBank Nucleotide #	NP_066277.1
UniProt Accession #	O75610
Molecular Weight	Observed Molecular Weight: (Observed)40kD. Predicted Molecular Weight: (Calculated)41kDa.
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lefty-antibody-elisa/329130>