

Rabbit LEFTY2 Polyclonal Antibody | anti-LEFTY2 antibody

LEFTY2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327459	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

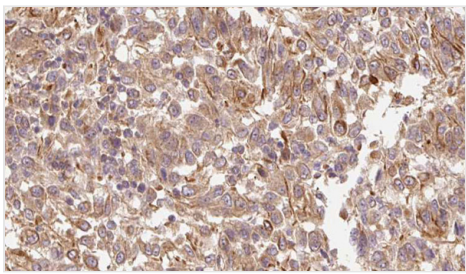
PRODUCT SYNONYMS

LEFTY2; Polyclonal Antibody; LEFTY2 Antibody; EBAF; Endometrial bleeding associated factor (left right determination factor A transforming growth factor beta superfamily); Endometrial bleeding associated factor; Endometrial bleeding-associated factor; Left right determination factor 2; Left right determination factor A; Left-right determination factor 2; Left-right determination factor A; LEFTA; LEFTY 2; LEFTYA; LEFTY2 transforming growth factor; beta-4; LEFTY2; mouse; homolog of; LEFTY2_HUMAN; MGC46222; Protein lefty 2; Protein lefty A; Protein lefty-2; Protein lefty-A; Protein lefty2; PSEC0024; TGF beta 4; TGF-beta-4; TGFB4; Transforming growth factor beta 4; Transforming growth factor beta-4; anti-LEFTY2 antibody

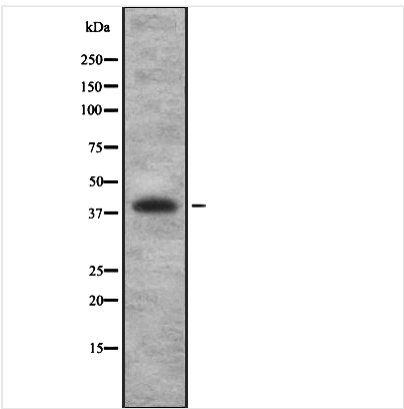
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LEFTY2 antibody detects endogenous levels of total LEFTY2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-LEFTY2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LEFTY2
Subcellular Location	Secreted.
Tissue Specificity	Mesenchymal cells of the endometrial stroma.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327459 at 1/100 staining Human Melanoma 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of LEFTY2 using HuvEc whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-LEFTY2 antibody	Function: Required for left-right (L-R) asymmetry determination of organ systems in mammals. May play a role in endometrial bleeding. 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. Similarity: Belongs to the TGF-beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289063399
NCBI GeneID	7044
NCBI Accession #	NP_001165896.1
NCBI GenBank Nucleotide #	NM_001172425.2
UniProt Accession #	O00292; O75611; Q5TE89; Q8NBQ9; B3KNH4; B4E332; E9PDM4
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	left-right determination factor 2 isoform 2
NCBI Official Synonym Full Names	left-right determination factor 2
NCBI Official Symbol	LEFTY2
NCBI Official Synonym Symbols	EBAF; LEFTA; TGFB4; LEFTYA
NCBI Protein Information	left-right determination factor 2
UniProt Protein Name	Left-right determination factor 2
UniProt Gene Name	LEFTY2
UniProt Synonym Gene Names	EBAF; LEFTA; LEFTYA; TGFB4; TGF-beta-4

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.