Rabbit anti-Human LEFTY2 Polyclonal Antibody | anti-LEFTY2 antibody

LEFTY2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305617	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

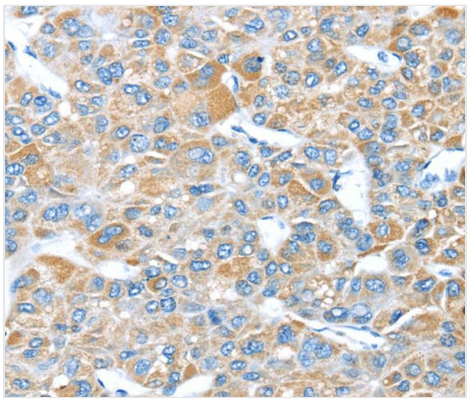
PRODUCT SYNONYMS

LEFTY2; Polyclonal Antibody; LEFTY2 Antibody; EBAF; LEFTA; TGFB4; LEFTYA; anti-LEFTY2 antibody

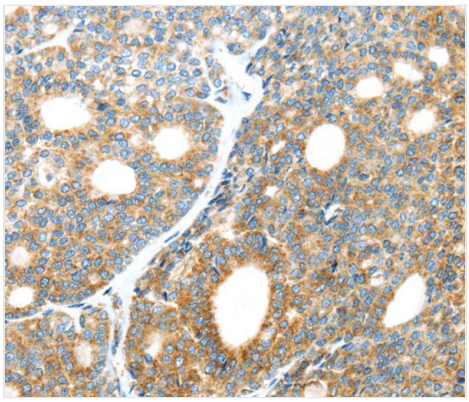
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total LEFTY2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	332
Applicable Applications for anti-LEFTY2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Protein
Immunogen Description	Full length fusion protein
Target Name	LEFTY2
Preparation and Storage	Store at -20 degree C

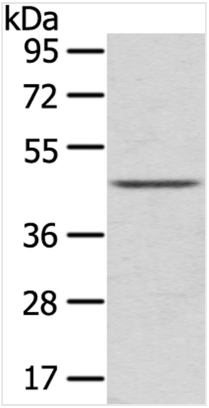
IMAGES



IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/35.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/35.



Application Data
Gel: 8%SDS-PAGE Lysate: 40ug 293T cellPrimary antibody: 1/800 dilution Secondary antibody dilution: 1/8000Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-LEFTY2 antibody	This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and plays a role in left-right asymmetry determination of organ systems during development. The protein may also play a role in endometrial bleeding. Mutations in this gene have been associated with left-right axis malformations, particularly in the heart and lungs. Some types of infertility have been associated with dysregulated expression of this gene in the endometrium. Alternative processing of this protein can yield three different products. This gene is closely linked to both a related family member and a related pseudogene. Alternate splicing of this gene results in multiple transcript variants.
Product Categories/Family for anti-LEFTY2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	289063399
NCBI GeneID	7044
NCBI Accession #	NP_001165896.1
NCBI GenBank Nucleotide #	NM_001172425.1
UniProt Accession #	O00292; O75611; Q5TE89; Q8NBQ9; B3KNH4; B4E332; E9PDM4
Molecular Weight	37,093 Da
NCBI Official Full Name	left-right determination factor 2 isoform 2 preproprotein
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
UniProt Entry Name	LFTY2_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.