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LEFTY2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21395a

Product Information

Application	WB, E
Primary Accession	O00292
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB52397
Calculated MW	40920
Antigen Region	1-366

Additional Information

Gene ID	7044
Other Names	Left-right determination factor 2, Endometrial bleeding-associated factor, Left-right determination factor A, Protein lefty-2, Protein lefty-A, Transforming growth factor beta-4, TGF-beta-4, LEFTY2, EBAF, LEFTA, LEFTYA, TGFB4
Target/Specificity	This LEFTY2 antibody is generated from a rabbit immunized with a recombinant.
Dilution	WB~~1:8000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LEFTY2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LEFTY2
Synonyms	EBAF, LEFTA, LEFTYA, TGFB4
Function	Required for left-right (L-R) asymmetry determination of organ systems in

mammals. May play a role in endometrial bleeding.

Cellular Location Secreted.

Tissue Location Mesenchymal cells of the endometrial stroma.

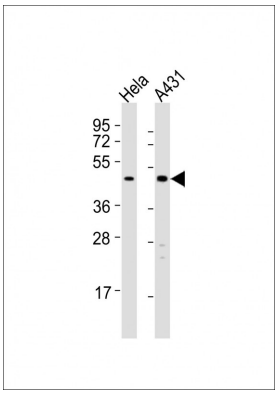
Background

Required for left-right (L-R) asymmetry determination of organ systems in mammals. May play a role in endometrial bleeding.

References

Kothapalli R.,et al.J. Clin. Invest. 99:2342-2350(1997).
Kosaki K.,et al.Am. J. Hum. Genet. 64:712-721(1999).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Otsuki T.,et al.DNA Res. 12:117-126(2005).
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



All lanes : Anti-LEFTY2 Antibody at 1:8000 dilution Lane 1: Hela whole cell lysates Lane 2: A431 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.