

Product datasheet

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ARG55602 anti-LEFTY2 antibody

Package: 100 μl Store at: -20°C

Summary

Host

Product Description Rabbit Polyclonal antibody recognizes LEFTY2

Tested Reactivity Hu
Tested Application WB

Clonality Polyclonal

Isotype IgG

Target Name LEFTY2
Species Human

Immunogen Recombinant protein of Human LEFTY2.

Rabbit

Conjugation Un-conjugated

Alternate Names TGFB4; Transforming growth factor beta-4; Protein lefty-2; EBAF; LEFTA; Left-right determination factor

2; Left-right determination factor A; TGF-beta-4; Protein lefty-A; Endometrial bleeding-associated

factor; LEFTYA

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 7044 Human

Swiss-port # O00292 Human

Gene Symbol LEFTY2

Gene Full Name left-right determination factor 2

Background 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.

[provided by RefSeq, Feb 2010]

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

endometrial bleeding. [UniProt]

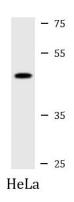
Research Area Cancer antibody; Developmental Biology antibody; Signaling Transduction antibody

Calculated Mw 41 kDa

PTM 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.

Images



ARG55602 anti-LEFTY2 antibody WB image

Western blot: 20 μg of HeLa whole cell lysate stained with ARG55602 anti-LEFTY2 antibody at 1:8000 dilution.