

## ARG55602 anti-LEFTY2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes LEFTY2
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LEFTY2
Species	Human
Immunogen	Recombinant protein of Human LEFTY2.
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	<a href="#">GeneID: 7044 Human</a> <a href="#">Swiss-port # O00292 Human</a>
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

