

LEFTY2 Antibody - N-terminal region (ARP42108_P050)

Data Sheet


Product Number	ARP42108_P050
Product Name	LEFTY2 Antibody - N-terminal region (ARP42108_P050)
Size	50ug
Gene Symbol	LEFTY2
Alias Symbols	EBAF; LEFTA; LEFTYA; TGFB4
Nucleotide Accession#	NM_003240
Protein Size (# AA)	366 amino acids
Molecular Weight	40kDa
Product Format	Lyophilized powder
NCBI Gene Id	7044
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	left-right determination factor 2
Description	This is a rabbit polyclonal antibody against LEFTY2. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
Peptide Sequence	Synthetic peptide located within the following region: AGPGAALTEEQLLGSLLRQLQLSEVPVLD RADMEKLVIPAHVRAQYVLL
Description of Target	LEFTY2 is a member of the TGF-beta family of proteins. The 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 its 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 its gene in the endometrium.
Partner Proteins	ACSS3
Reconstitution and Storage	Add 50 ul of distilled water. Final anti-LEFTY2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For Anti-LEFTY2 antibody is Catalog # AAP42108
Immunogen	The immunogen for Anti-LEFTY2 antibody is: synthetic peptide directed towards the N-terminal region of Human LEFTY2
Swissprot Id	O00292
Protein Name	Left-right determination factor 2
Protein Accession #	NP_003231
Purification	Affinity Purified
Species Reactivity	Human, Dog, Rat, Pig
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 100%; Dog: 83%; Rat: 83%; Pig: 77%
	Human Thymus Tumor 

Image 1



Host: Rabbit
Target Name: LEFTY2
Sample Tissue: Thymus Tumor lysates
Antibody Dilution: 1.0ug/ml

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.