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Datasheet for ABIN714611 **anti-LEFTY2 antibody (AA 281-366)**

Overview

Quantity:	100 µL
Target:	LEFTY2
Binding Specificity:	AA 281-366
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LEFTY2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TGFB4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	LEFTY2
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Target Details

Alternative Name:	TGFB4 (LEFTY2 Products)
Background:	<p>Synonyms: EBAF, Endometrial bleeding associated factor left right determination factor A transforming growth factor beta superfamily, Endometrial bleeding associated factor, Endometrial bleeding-associated factor, Left right determination factor 2, Left right determination factor A, Left-right determination factor 2, Left-right determination factor A, LEFTA, LEFTY 2, LEFTY2, LEFTYA, LFTY2_HUMAN, MGC46222, Protein lefty 2, Protein lefty A, Protein lefty-2, Protein lefty-A, Protein lefty2, PSEC0024, TGF beta 4, TGF-beta-4, TGFB4, Transforming growth factor beta 4, Transforming growth factor beta-4.</p> <p>Background: LEFTY2 is a member of the TGF-beta family of proteins. LEFTY2 is secreted and plays a role in left-right asymmetry determination of organ systems during development and 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.</p>
Gene ID:	7044

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months