

# LEFTY2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5566

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O00292</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	40920
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Gene ID</b>	7044
<b>Antigen Region</b>	1-366
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1:8000
<b>Target/Specificity</b>	This LEFTY2 antibody is generated from a rabbit immunized with a recombinant.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	LEFTY2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	LEFTY2
<b>Synonyms</b>	EBAF, LEFTA, LEFTYA, TGFB4
<b>Function</b>	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

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

## References

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Kothapalli R.,et al.J. Clin. Invest. 99:2342-2350(1997).

Kosaki K.,et al.Am. J. Hum. Genet. 64:712-721(1999).

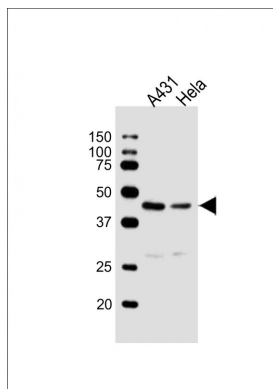
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Otsuki T.,et al.DNA Res. 12:117-126(2005).

Gregory S.G.,et al.Nature 441:315-321(2006).

## Images

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All lanes : Anti-LEFTY2 Antibody at1:8000 dilution Lane 1: A431 whole cell lysate Lane 2: HeLa whole cell lysate 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% NFD/MTBST.

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