

## Rabbit anti-Human, Mouse LEFTY2 Polyclonal Antibody | anti-LEFTY2 antibody

LEFTY2 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA173051 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

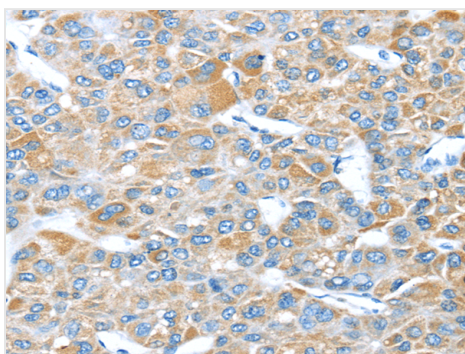
### PRODUCT SYNONYMS

LEFTY2; Polyclonal Antibody; LEFTY2 Polyclonal Antibody; EBAF; LEFTA; TGFB4; LEFTYA; anti-LEFTY2 antibody

### PRODUCT SPECIFICATIONS

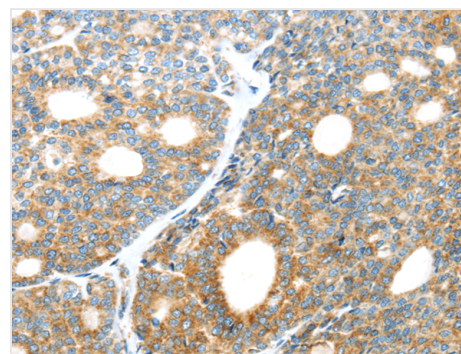
|                                                  |                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                              |
| Reactivity                                       | Human, Mouse                                                                                        |
| Clonality                                        | Polyclonal                                                                                          |
| Isotype                                          | IgG                                                                                                 |
| Purity/Purification                              | Antigen Affinity Purification                                                                       |
| Concentration                                    | 2mg/ml (varies by lot)                                                                              |
| Sequence Length                                  | 332                                                                                                 |
| Applicable Applications for anti-LEFTY2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                |
| Immunogen                                        | Full length fusion protein                                                                          |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                                    |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7408 / sc-133732 / sc-48836 |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                                                    |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using LEFTY2 Polyclonal Antibody at dilution of 1/35



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using LEFTY2 Polyclonal Antibody at dilution of 1/35

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-LEFTY2 antibody | 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. |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 289063399                                   |
| NCBI GeneID                      | 7044                                        |
| NCBI GenBank Nucleotide #        | NM_001172425.2                              |
| Molecular Weight                 | 41 kDa                                      |
| NCBI Official Full Name          | left-right determination factor 2 isoform 2 |
| NCBI Official Synonym Full Names | left-right determination factor 2           |
| NCBI Official Symbol             | LEFTY2                                      |
| NCBI Official Synonym Symbols    | EBAF; LEFTA; TGFB4; LEFTYA                  |
| NCBI Protein Information         | left-right determination factor 2           |
| UniProt Protein Name             | Left-right determination factor 2           |
| UniProt Gene Name                | LEFTY2                                      |
| UniProt Synonym Gene Names       | EBAF; LEFTA; LEFTYA; TGFB4; TGF-beta-4      |
| UniProt Entry Name               | LFTY2_HUMAN                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lefty2-antibody-immunohistochemistry-western-blot-elisa/173051>