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## TGFB4/LEFTY2 Rabbit pAb

Catalog Number: bs-5778R

Target Protein: TGFB4/LEFTY2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 32 kDa

Entrez Gene: 7044

Swiss Prot: O00292

Source: KLH conjugated synthetic peptide derived from human TGFB4: 281-366/366.

Purification: affinity purified by Protein A

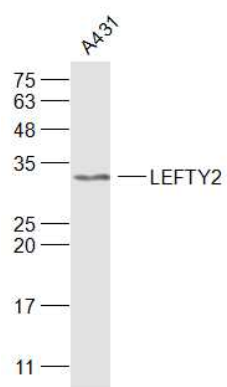
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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.

### VALIDATION IMAGES

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Sample: A431(Human) Cell Lysate at 30 ug Primary: Anti-LEFTY2 (bs-5778R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD