

Anti-TGFB4/LEFTY2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 32 kDa. Actual: 32 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: A431 (Human) Cell Lysate at 30 µg Primary: Anti-LEFTY2 (TMAB-13498) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human TGFB4
Antigen Species:	Human
Gene ID:	7044
Uniprot ID:	O00292

Research 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.

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