

**DATASHEET**

**TGF beta 4 Rabbit Polyclonal Antibody**

CAT. NO. APA16029

**KEY FEATURES**

Target	TGF beta 4	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Required for left-right axis determination as a regulator of LEFTY2 and NODAL.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

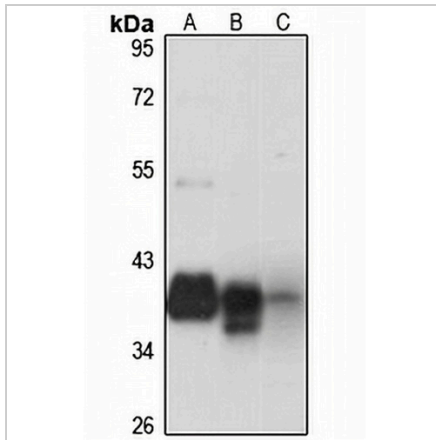
Description	Rabbit polyclonal antibody to TGF beta 4
Specificity	Recognizes endogenous levels of TGF beta 4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TGF beta 4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 40 kD; Observed: 39 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	LEFTB; LEFTYB; Left-right determination factor 1; Left-right determination factor B; Protein lefty-1; Protein lefty-B
Gene Symbol	LEFTY1
Entrez Gene	10637(Human); 13590(Mouse)
SwissProt	O75610(Human); Q64280(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of TGF beta 4 expression in HT29 (A), mouse spleen (B), rat pancreas (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 39 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.