

DATASHEET

FGD1 Rabbit Polyclonal Antibody

CAT. NO. APA15629

KEY FEATURES

Target	FGD1	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

Activates CDC42, a member of the Ras-like family of Rho- and Rac proteins, by exchanging bound GDP for free GTP. Plays a role in regulating the actin cytoskeleton and cell shape.

APPLICATION

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

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

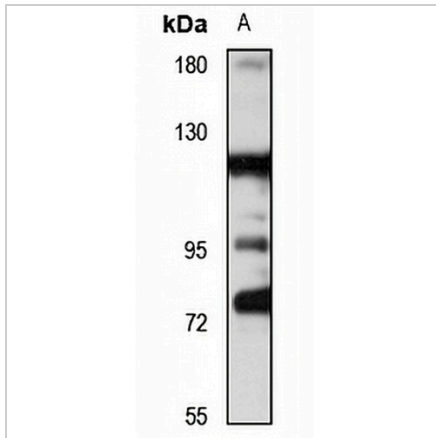
Description	Rabbit polyclonal antibody to FGD1
Specificity	Recognizes endogenous levels of FGD1 protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human FGD1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 106 kD; Observed: 110 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	FGDY; ZFYVE3; FYVE RhoGEF and PH domain-containing protein 1; Faciogenital dysplasia 1 protein; Rho/Rac guanine nucleotide exchange factor FGD1; Rho/Rac GEF; Zinc finger FYVE domain-containing protein 3
Gene Symbol	FGD1
Entrez Gene	2245(Human); 14163(Mouse)
SwissProt	P98174(Human); P52734(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact 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 FGD1 expression in HepG2 (A) whole cell lysates. (Predicted band size: 106 kD; Observed band size: 110 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.