

DATASHEET

EHD4 Rabbit Polyclonal Antibody

CAT. NO. APA15529

KEY FEATURES

Target	EHD4	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

ATP- and membrane-binding protein that probably controls membrane reorganization/tubulation upon ATP hydrolysis. Plays a role in early endosomal transport . During sprouting angiogenesis, in complex with PACSIN2 and MICALL1, forms recycling endosome-like tubular structure at asymmetric adherens junctions to control CDH5 trafficking .

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

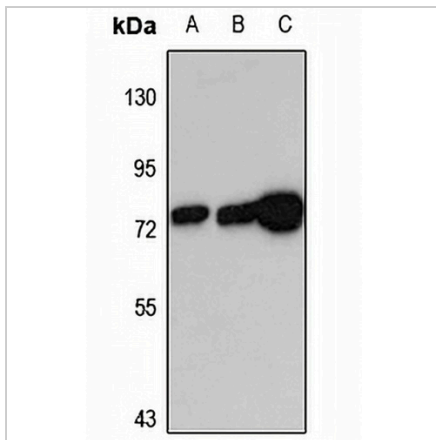
Description	Rabbit polyclonal antibody to EHD4
Specificity	Recognizes endogenous levels of EHD4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human EHD4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 61 kD; Observed: 72 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	HCA10; HCA11; PAST4; EH domain-containing protein 4; Hepatocellular carcinoma-associated protein 10/11; PAST homolog 4
Gene Symbol	EHD4
Entrez Gene	30844(Human); 98878(Mouse)
SwissProt	Q9H223(Human); Q9EQP2(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 EHD4 expression in HEK293T (A), mouse brain (B), mouse heart (C) whole cell lysates. (Predicted band size: 61 kD; Observed band size: 72 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.