

DATASHEET

IQGAP3 Rabbit Polyclonal Antibody

CAT. NO. APA08278

KEY FEATURES

Target	IQGAP3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine	Clonality	Polyclonal
Applications	WB, IHC	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

Enables calmodulin binding activity and myosin VI light chain binding activity. Predicted to be involved in mitotic actomyosin contractile ring assembly actin filament organization. Predicted to act upstream of or within several processes, including G1/S transition of mitotic cell cycle; intracellular signaling cassette; and regulation of macromolecule metabolic process. Predicted to be located in cytosol. Predicted to be active in cell cortex.

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
IHC	1:50 - 1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to IQGAP3
Specificity	Recognizes endogenous levels of IQGAP3 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IQGAP3. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 184 kD; Observed: 185 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	Ras GTPase-activating-like protein IQGAP3
Gene Symbol	IQGAP3
Entrez Gene	128239(Human)
SwissProt	Q86VI3(Human)

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

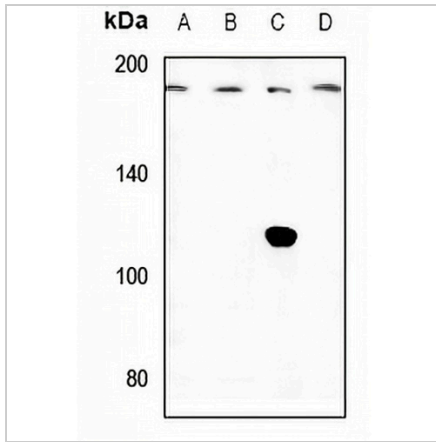
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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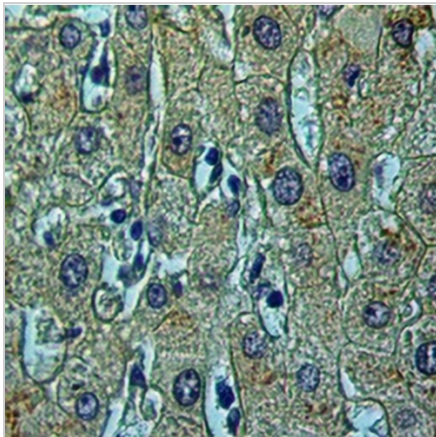
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DATA



Western blot analysis of IQGAP3 expression in BV2 (A), PC12 (B), A549 (C), HeLa (D) whole cell lysates. (Predicted band size: 184 kD; Observed band size: 185 kD)



Immunohistochemical analysis of IQGAP3 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.