

## ARG44684 anti-IQGAP2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes IQGAP2
Tested Reactivity	Hu
Tested Application	IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	IQGAP2
Species	Human
Conjugation	Un-conjugated
Alternate Names	Ras GTPase-activating-like protein IQGAP2

### Application Instructions

Application table	Application	Dilution
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	IQGAP2
Gene Full Name	IQ motif containing GTPase activating protein 2
Background	This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin

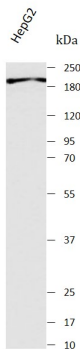
homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. [provided by RefSeq, Jul 2008]

Function	Binds to activated CDC42 and RAC1 but does not seem to stimulate their GTPase activity. Associates with calmodulin. [UniProt]
Calculated Mw	181 kDa
PTM	N-glycosylation enhances cell surface expression and lengthens receptor half-life by preventing degradation in the ER.

## Images

ARG44684 anti-IQGAP2 antibody WB image

Western blot: HepG2 stained with ARG44684 anti-IQGAP2 antibody at 1 µg/mL dilution.



ARG44684 anti-IQGAP2 antibody IP image

Immunoprecipitation: HepG2 lysate immunoprecipitated with 2.5 µg of ARG44684 anti-IQGAP2 antibody.

