



Rabbit Anti-IQGAP2 antibody

SL7176R

Product Name:	IQGAP2
Chinese Name:	支架蛋白IQGAP2抗体
Alias:	IQGA2_HUMAN; Iqgap2; Ras GTPase activating-like protein; Ras GTPase-activating-like protein IQGAP2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	180kDa
Cellular localization:	cytoplasmicThe cell membraneExtracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IQGAP2:51-150/1575
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Tissue Specificity:

Isoform 2 expression is enhanced in testis.

Similarity:

Contains 1 CH (calponin-homology) domain.

Contains 3 IQ domains.

Contains 1 Ras-GAP domain.

Contains 1 WW domain.

SWISS:

Q13576

Gene ID:

10788

Database links:

[Entrez Gene: 10788](#) Human

[Entrez Gene: 544963](#) Mouse

[Omim: 605401](#) Human

[SwissProt: Q13576](#) Human

[SwissProt: Q3UQ44](#) Mouse

[Unigene: 291030](#) Human

[Unigene: 38878](#) Mouse

Unigene: 38878 Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.