

Rabbit Anti-IQGAP2/AF350 Conjugated antibody

SL7176R-AF350

Product Name	Anti-IQGAP2/AF350
Chinese Name	AF350 标记的支架蛋白 IQGAP2 抗体
Alias	IQGA2_HUMAN; Iqgap2; Ras GTPase activating-like protein; Ras GTPase-activating-like protein IQGAP2.
Research Area	
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	180kDa
Form	Lyophilized or Liquid
Concentration immunogen	1mg/ml KLH conjugated synthetic peptide derived from human IQGAP2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	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.

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.

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.