SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-IQGAP3 antibody

SL11856R

Product Name:	IQGAP3
Chinese Name:	RasGTP酶激活蛋白IQGAP3抗体
Alias:	IQ motif containing GTPase activating protein 3; IQGA3_HUMAN; IQGAP 3 ; IQGAP3; MGC10170; MGC10831; MGC1947 antibodyOTTHUMP00000031854 ; OTTHUMP00000031855; Ras GTPase activating like protein IQGAP3; Ras GTPase-activating-like protein IQGAP3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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:	185kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human IQGAP3:35-110/1631
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:	IQGAP3 is a 1,631 amino acid protein that acts as an effector of Cdc42 and Rac 1, linking their activation to the cytoskeleton during neuronal morphogenesis. A novel member of the IQGAP family, IQGAP3 is highly expressed in brain where it localizes to axons of hippocampal neurons. IQGAP3 contains one Ras-GAP domain, a CH

(calponin-homology) domain, four IQ domains and is encoded by a gene located on human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

Similarity:
Contains 1 CH (calponin-homology) domain.
Contains 4 IQ domains.
Contains 1 Ras-GAP domain.

SWISS:
Q86VI3

Gene ID:
128239

Database links:

Entrez Gene: 128239Human

Entrez Gene: 404710Mouse

Entrez Gene: 310621Rat

SwissProt: Q86VI3Human

Unigene: 591495Human

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