



Rabbit Anti-SGIP1 antibody

SL17314R

Product Name:	SGIP1
Chinese Name:	SGIP1 蛋白抗体
Alias:	DKFZp686A16142; DKFZp761D221; Endophilin-3-interacting protein; FLJ33378; FLJ43054; Sgip1; SGIP1_HUMAN; SH3-containing GRB2-like protein 3-interacting protein 1; SH3-domain GRB2-like (endophilin) interacting protein 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,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:	89kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SGIP1:25-125/828
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:	SGIP1 functions as an endocytic protein that affects signaling by receptors in neuronal systems involved in energy homeostasis via its interaction with endophilins (see SH3GL3; MIM 603362) (Trevaskis et al., 2005 [PubMed 15919751] and Uezu et al., 2007 [PubMed 17626015]).[supplied by OMIM, Mar 2008]

Function:

Possible role in the regulation of energy homeostasis.

Tissue Specificity:

Specifically expressed in brain.

SWISS:

Q9BQI5

Gene ID:

84251

Database links:

[Entrez Gene: 84251](#) Human

[Entrez Gene: 73094](#) Mouse

[Omid: 611540](#) Human

[SwissProt: Q9BQI5](#) Human

[SwissProt: Q8VD37](#) Mouse

[Unigene: 132121](#) Human

[Unigene: 238094](#) Mouse

Important Note:

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