



Rabbit Anti-FLJ44817 antibody

SL16143R

Product Name:	FLJ44817
Chinese Name:	FLJ44817蛋白抗体
Alias:	PH domain-containing family D member 1; pleckstrin homology domain containing, family D (with coiled-coil domains) member 1; PKHA1_HUMAN; pleckstrin homology domain containing, family D (with M protein repeats) member 1; PLEKHD1; UPF0639.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,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:	46kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FLJ44817:151-250/404
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:	Chromosome 14 contains about 700 genes and 106 million base pairs and makes up about 3.5% of human cellular DNA. Chromosome 14 encodes the presenilin 1 (PSEN1) gene, which is one of the three key genes associated with the development of Alzheimer's disease. The SERPINA1 gene is located on chromosome 14 and when defective leads to the genetic disorder α 1-antitrypsin deficiency. This disorder is

characterized by severe lung complications and liver dysfunction. Notably, the immunoglobulin heavy chain locus is found on chromosome 14 and has been identified as a fusion with the chromosome 19 encoded protein BCL3 in the (14;19) translocations found in a variety of B cell malignancies. The FLJ44817 gene product has been provisionally designated FLJ44817 pending further characterization.

Function:

Binds specifically to phosphatidylinositol 3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane.

Subunit:

Interacts with MPDZ and PTPN13.

Subcellular Location:

Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Note=Locates to the plasma membrane after treatments that stimulate the production of PtdIns3,4P2.

Tissue Specificity:

Highly expressed in skeletal muscle, thymus, pancreas, placenta and lung. Detected at low levels in brain, heart, peripheral blood leukocytes, testis, ovary, spinal cord, thyroid, kidney, liver, small intestine and colon.

Similarity:

Contains 2 PH domains.

SWISS:

A6NEE1

Gene ID:

400224

Database links:

[Entrez Gene: 400224](#) Human

[Entrez Gene: 217682](#) Mouse

[Entrez Gene: 500685](#) Rat

[SwissProt: A6NEE1](#) Human

[SwissProt: B2RPU2](#) Mouse

[SwissProt: B1WBU8](#) Rat

[Unigene: 509796](#) Human

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

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