



Rabbit Anti-FGD6 antibody

SL16082R

Product Name:	FGD6
Chinese Name:	FGD6蛋白抗体
Alias:	FYVE, RhoGEF and PH domain containing protein 6; ZFYVE24; FGD6_HUMAN; Zinc finger FYVE domain containing protein 24.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
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:	161kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FGD6:1331-1430/1430
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:	FGD6 is a 1,430 amino acid cytoplasmic protein that belongs to the FGD family and exists as two alternatively spliced isoforms. Thought to activate Cdc42 by exchanging bound GDP for free GTP, FGD6 is also implicated in maintenance of the actin cytoskeleton and regulating cell shape. Encoded by a gene that maps to human chromosome 12q22, FGD6 contains one FYVE-type zinc finger, two PH domains and a single DH (DBL-homology) domain.

Function:

FGD6 may activate CDC42 by exchanging bound GDP for free GTP. It may also play a role in regulating the actin cytoskeleton and cell shape. There are two isoforms.

Subcellular Location:

Cytoplasm (Probable). Cytoplasm, cytoskeleton (Probable).

SWISS:

Q6ZV73

Gene ID:

55785

Database links:

[Entrez Gene: 55785](#) Human

[SwissProt: Q6ZV73](#) Human

[Unigene: 506381](#) Human

Important Note:

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