Product Name: FIG4 Rabbit Polyclonal Antibody
Catalog #: APRab10982

Summary

Production Name	FIG4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	FIG4 KIAA0274 SAC3
Alternative Names	Polyphosphoinositide phosphatase (EC 3.1.3.-) (Phosphatidylinositol 3,5-bisphosphate 5-phosphatase) (SAC domain-containing protein 3)
Gene ID	9896.0
SwissProt ID	Q92562.Synthesized peptide derived from human FIG4. at AA range: 341-390

Application

Dilution Ratio	WB 1:500-2000, ELISA 1:10000-20000
Molecular Weight	110kD

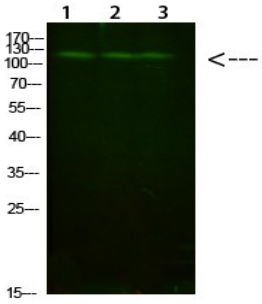
Background

The protein encoded by this gene belongs to the SAC domain-containing protein gene family. The SAC domain,

approximately 400 amino acids in length and consisting of seven conserved motifs, has been shown to possess phosphoinositide phosphatase activity. The yeast homolog, Sac1p, is involved in the regulation of various phosphoinositides, and affects diverse cellular functions such as actin cytoskeleton organization, Golgi function, and maintenance of vacuole morphology. Membrane-bound phosphoinositides function as signaling molecules and play a key role in vesicle trafficking in eukaryotic cells. Mutations in this gene have been associated with Charcot-Marie-Tooth disease, type 4J. [provided by RefSeq, Jul 2008],phospholipid metabolic process, glycerophospholipid metabolic process, vacuole organization, behavior, locomotory behavior, cell death, death, organophosphate metabolic process, neuron differentiation, phosphoinositide metabolic process, pigmentation, glycerolipid metabolic process, neuron development,

Research Area

Image Data



Western Blot analysis of 1,mouse-liver 2,hela 3,mouse-brain cells using primary antibody diluted at 1:1000（4°C overnight）.
Secondary antibody：Goat Anti-rabbit IgG IRDye 800（diluted at 1:5000, 25°C, 1 hour）

Note

For research use only.