

VAC14 Rabbit pAb

Catalog No.: A16782

Basic Information

Observed MW

Refer to figures

Calculated MW

88kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human

Background

This gene encodes a scaffold protein that is a component of the PIKfyve protein kinase complex. This complex is responsible for the synthesis of phosphatidylinositol 3,5-bisphosphate, an important component of cellular membranes, from phosphatidylinositol 3-phosphate. Mice lacking a functional copy of this gene exhibit severe neurodegeneration. Mutations in the human gene have been identified in patients with a childhood onset progressive neurological disorder characterized by impaired movement, dystonia, and striatal abnormalities.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

55697

Swiss Prot

Q08AM6

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 569-782 of human VAC14 (NP_060522.3).

Synonyms

TRX; TAX1BP2; ArPIKfyve; VAC14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.