

DOK7 Rabbit pAb

Catalog No.: A9537

Basic Information

Observed MW

60kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is essential for neuromuscular synaptogenesis. The protein functions in a neural activation of muscle-specific receptor kinase, which is required for postsynaptic differentiation, and in the subsequent clustering of the acetylcholine receptor in myotubes. This protein can also induce autophosphorylation of muscle-specific receptor kinase. Mutations in this gene are a cause of familial limb-girdle myasthenia autosomal recessive, which is also known as congenital myasthenic syndrome type 1B. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

285489

Swiss Prot

Q18PE1

Immunogen

A synthetic peptide of human DOK7

Synonyms

CMS10; CMS1B; FADS3; C4orf25; DOK7

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

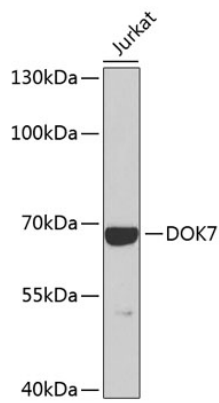
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of extracts of Jurkat cells, using DOK7 antibody (A9537).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.