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DOK7

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:53kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human DOK7

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CMS10; CMS1B; C4orf25

Catalog #:A9537

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:285489

Isotype: IgG

Swiss Prot:Q18PE1

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is essential for neuromuscular synaptogenesis. The protein functions in aneural 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.

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