

## 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 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.

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