

Datasheet for ABIN657491
anti-DOK7 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	DOK7
Binding Specificity:	AA 26-55, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DOK7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human DOK7.
Clone:	RB32528
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	DOK7
Alternative Name:	DOK7 (DOK7 Products)
Background:	The protein encoded by this gene is essential for neuromuscular synaptogenesis. The protein

Target Details

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.

Molecular Weight: 53097

Gene ID: 285489

NCBI Accession: [NP_001158145](#), [NP_001243825](#), [NP_775931](#)

UniProt: [Q18PE1](#)

Pathways: [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

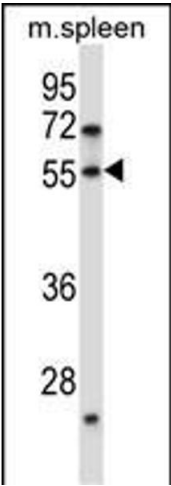
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: DOK7 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. DOK7 Antibody (N-term) (ABIN657491 and ABIN2846518) western blot analysis in mouse spleen tissue lysates (35 µg/lane). This demonstrates the DOK7 antibody detected the DOK7 protein (arrow).