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Anti-DOK7 Antibody

Rabbit polyclonal antibody to DOK7
Catalog # AP60726

Specification

Anti-DOK7 Antibody - Product Information

Application	**WB**
Primary Accession	Q18PE1
Other Accession	Q18PE0
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53097**

Anti-DOK7 Antibody - Additional Information

Gene ID 285489

Other Names
C4orf25; Protein Dok-7; Downstream of tyrosine kinase 7

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DOK7. The exact sequence is proprietary.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-DOK7 Antibody - Protein Information

Name DOK7

Synonyms C4orf25

Function
Probable muscle-intrinsic activator of MUSK that plays an essential role in neuromuscular synaptogenesis. Acts in aneural activation of MUSK and subsequent acetylcholine receptor (AchR) clustering in myotubes. Induces autophosphorylation of MUSK.

Cellular Location
Cell membrane; Peripheral membrane protein. Synapse. Note=Accumulates at neuromuscular

junctions.

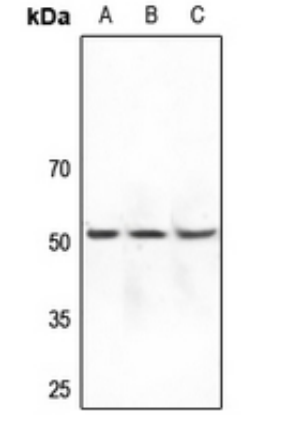
Tissue Location
Preferentially expressed in skeletal muscle and heart. Present in thigh muscle, diaphragm and heart but not in the liver or spleen (at protein level).

Anti-DOK7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-DOK7 Antibody - Images



Western blot analysis of DOK7 expression in HEK293T (A), mouse brian (B), rat brain (C) whole cell lysates.

Anti-DOK7 Antibody - Background

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