

**Anti-DOK7 Antibody**  
**Rabbit polyclonal antibody to DOK7**  
**Catalog # AP60726****Specification**

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**Anti-DOK7 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q18PE1</a>
Other Accession	<a href="#">Q18PE0</a>
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**

Recognizes endogenous levels of DOK7 protein.

**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.

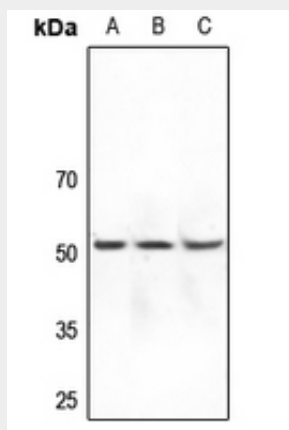
**Tissue Location**

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 Cytometry](#)
- [Cell Culture](#)

**Anti-DOK7 Antibody - Images**

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

**Anti-DOK7 Antibody - Background**

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