

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

Specification

Anti-DOK7 Antibody - Product Information

Application	WB
Primary Accession	O18PE1
Other Accession	O18PE0
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 a neural 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.

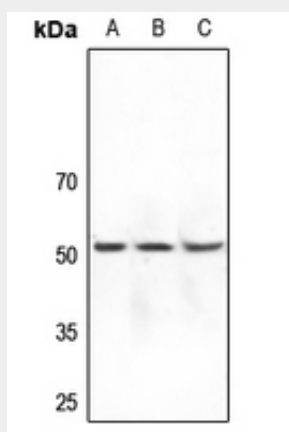
Tissue Location

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.