

Anti-DOK7 Antibody

Rabbit polyclonal antibody to DOK7

Catalog # AP60726

Product Information

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

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

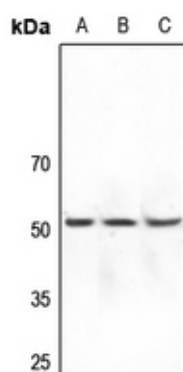
Protein Information

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).

Background

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

Images



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

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