DOK7 polyclonal antibody

Catalog: BS62278 Host: Rabbit Reactivity: Human,Mouse

BackGround:

The downstream of kinase family (Dok1-7) are members of a class of “docking” proteins that include the tyrosine kinase substrates IRS-1 and Cas, which contain multiple tyrosine residues and putative SH2 binding sites. Based on their similarities, the Dok family of proteins can be divided into three subgroups: Dok-1/2/3, Dok-4/5/6 and Dok-7. Through its interaction with musclespecific receptor kinase (MuSK), Dok-7 is crucial for neuromuscular synaptogenesis and for MuSK activation. Mice lacking Dok-7 do not form neuromuscular synapses nor acetylcholine receptor clusters. Mutations in the Dok-7 gene can cause congenital myasthenic syndromes (CMA)-recessively inherited disorders characterized by muscle weakness.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 53 kDa

Swiss-Prot:

Q18PE1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200 IF:1:50~1:200

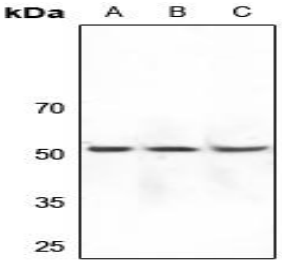
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

DOK7 polyclonal antibody detects endogenous levels of DOK7 protein.

DATA:



Western blot (WB) analysis of DOK7 polyclonal antibody at 1:500 dilution

LaneA:HEK293T whole cell lysate

LaneB:The Brain tissue lysate of Mouse

LaneC:The Brain tissue lysate of Rat

Note:

For research use only, not for use in diagnostic procedure.

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