

Datasheet for ABIN6261354
anti-DOK7 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DOK7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human DOK7, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	DOK7 Antibody detects endogenous levels of total DOK7.
Predicted Reactivity:	Horse
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	DOK7
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Target Details

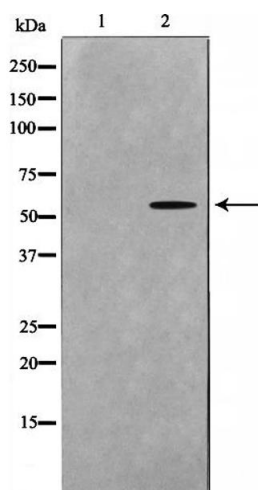
Alternative Name:	DOK7 (DOK7 Products)
Background:	Description: Probable muscle-intrinsic activator of MUSK that plays an essential role in neuromuscular synaptogenesis. Acts in aneural activation of MUSK and subsequent acetylcholine receptor (AChR) clustering in myotubes. Induces autophosphorylation of MUSK. Gene: DOK7
Molecular Weight:	60kDa
Gene ID:	285489
UniProt:	Q18PE1
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

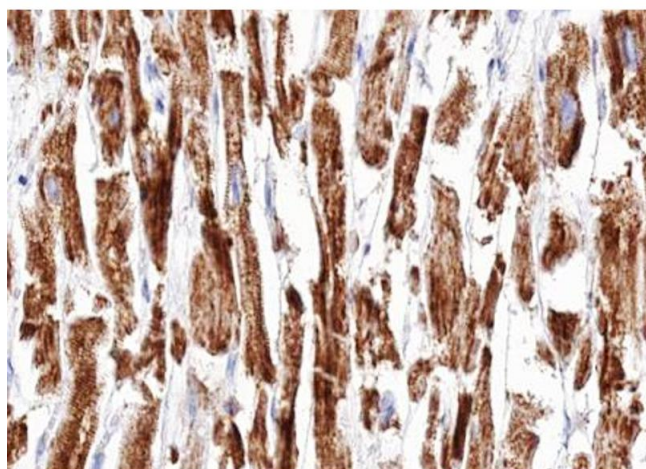
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis on mouse brain cell lysate using DOK7 Antibody, *The lane on the left is treated with the antigen-specific peptide.*



Immunohistochemistry

Image 2. ABIN6266951 at 1/100 staining human Heart muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.