

Datasheet for ABIN7165300
anti-DOK7 antibody (AA 416-504)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DOK7
Binding Specificity:	AA 416-504
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Protein Dok-7 protein (416-504AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DOK7
Alternative Name:	DOK7 (DOK7 Products)
Background:	Background: Probable muscle-intrinsic activator of MUSK that plays an essential role in neuromuscular synaptogenesis. Acts in aneural activation of MUSK and subsequent

Target Details

acetylcholine receptor (AChR) clustering in myotubes. Induces autophosphorylation of MUSK.
Aliases: Docking protein 7 antibody, DOK 7 antibody, DOK7 antibody, DOK7_HUMAN antibody,
Downstream of tyrosine kinase 7 antibody, Protein Dok-7 antibody

UniProt: [Q18PE1](#)

Pathways: [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

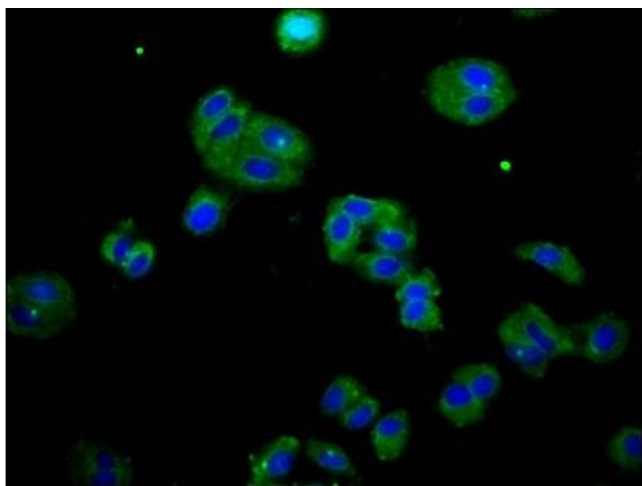
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

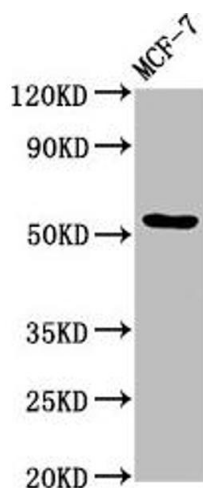
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7165300 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: DOK7 antibody at 4.9 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 54, 38, 28, 64 kDa Observed band size: 54 kDa