

Rabbit anti-Human DOK7 Polyclonal Antibody | anti-DOK7 antibody

DOK7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234221	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

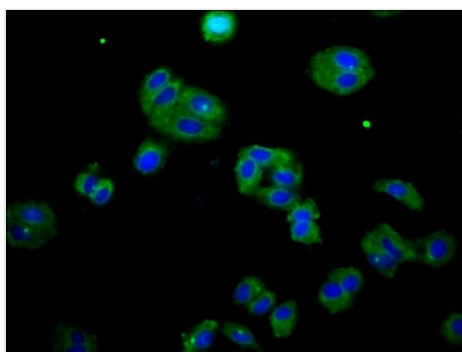
PRODUCT SYNONYMS

DOK7; Polyclonal Antibody; DOK7 Antibody; Protein Dok-7; Downstream of tyrosine kinase 7; C4orf25; anti-DOK7 antibody

PRODUCT SPECIFICATIONS

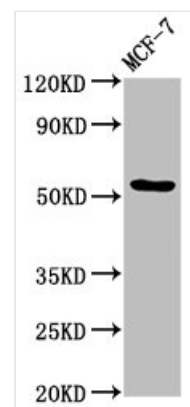
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	255
Applicable Applications for anti-DOK7 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Protein Dok-7 protein (416-504AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234221 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DOK7 antibody	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.
Product Categories/Family for anti-DOK7 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	257467680
NCBI GeneID	285489
NCBI Accession #	NP_001158145.1
NCBI GenBank Nucleotide #	NM_001164673.1
UniProt Accession #	Q18PE1; Q6P6A6; Q86XG5; Q8N2J3; Q8NBC1; A2A499; A2RRD4; E9PB56
Molecular Weight	63,938 Da
NCBI Official Full Name	protein Dok-7 isoform 2
NCBI Official Synonym Full Names	docking protein 7
NCBI Official Symbol	DOK7
NCBI Official Synonym Symbols	CMS10; CMS1B; C4orf25
NCBI Protein Information	protein Dok-7
UniProt Protein Name	Protein Dok-7
UniProt Gene Name	DOK7
UniProt Synonym Gene Names	C4orf25

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dok7-antibody-immunofluorescence-western-blot-elisa/234221>