

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

DOK7 Antibody

CATALOG # AAA301777	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

DOK7; Polyclonal Antibody; DOK7 Antibody; Dok-7; downstream of tyrosine kinase 7; anti-DOK7 antibody

PRODUCT SPECIFICATIONS

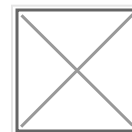
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DOK7 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	255
Applicable Applications for anti-DOK7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human DOK7.
Target Name	DOK7
Preparation and Storage	Store at -20 degree C

IMAGES



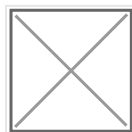
IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using DOK7 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using DOK7 antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse brain cells, using DOK7 antibody.

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.Okada K., Science 312:1802-1805(2006).Ota T., Nat. Genet. 36:40-45(2004).Beeson D., Science 313:1975-1978(2006).
Product Categories/Family for anti-DOK7 antibody	Total protein Ab

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
UniProt Entry Name	DOK7_HUMAN

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://stage.aaabiotech.com/polyclonal/dok7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301777>