

Rabbit anti-Human DOK1 Monoclonal Antibody | anti-DOK1 antibody

DOK1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282709	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

DOK1; Monoclonal Antibody; DOK1 Rabbit mAb; pp62; P62DOK; anti-DOK1 antibody

PRODUCT SPECIFICATIONS

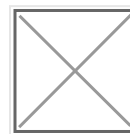
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EPKDAWWCQA RVKEEGYELP YNPATDDYAV PPRSTKPLL APKPQGPAFP EPGTATGSGI KSHNSALYSQ VQKSGASGSW DCGLSRVGTG KTGKSEGST
Applicable Applications for anti-DOK1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 382-481 of human DOK1 (Q99704).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of BALB-3T3 cells using DOK1 Rabbit mAb (AAA282709) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of various lysates using DOK1 Rabbit mAb (AAA282709) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-DOK1 antibody	The protein encoded by this gene is part of a signal transduction pathway downstream of receptor tyrosine kinases. The encoded protein is a scaffold protein that helps form a platform for the assembly of multiprotein signaling complexes. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-DOK1 antibody	Cancer; Signal Transduction; G protein signaling; Small G proteins; Kinase; Tyrosine kinases; ErbB-HER Signaling Pathway; Endocrine Metabolism; Endocrine and metabolic diseases; Obesity; Immunology Inflammation; B Cell Receptor Signaling Pathway; Cardiova

NCBI AND UNIPROT INFORMATION

NCBI GI #	308737010
NCBI GeneID	1796
NCBI Accession #	NP_001184189.1
NCBI GenBank Nucleotide #	NM_001197260.1
UniProt Accession #	Q99704; O43204; Q53TY2; Q9UHG6
Molecular Weight	Calculated MW: 52kDa Observed MW: 62kDa
UniProt Protein Name	Docking protein 1
UniProt Gene Name	DOK1
UniProt Entry Name	DOK1_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/monoclonal/dok1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282709>