

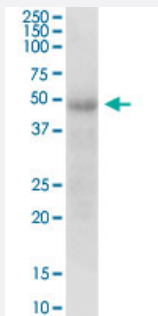
MaxPab®

DOK1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001796-B01

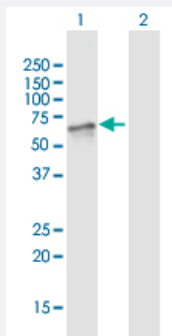
Size 50 uL

Applications



Western Blot (Tissue lysate)

DOK1 MaxPab polyclonal antibody. Western Blot analysis of DOK1 expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of DOK1 expression in transfected 293T cell line ([H00001796-T01](#)) by DOK1 MaxPab polyclonal antibody.

Lane 1: DOK1 transfected lysate(52.91 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human DOK1 protein.

Immunogen

DOK1 (NP_001372.1, 1 a.a. ~ 481 a.a) full-length human protein.

Sequence

MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPFGVARLEFFDHKGSSSSGGGRGSSRRLLDC
KVIRLAECVSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTL
APTDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGA
QSQILEPLLSWPYTLLRRYGRDKVMFSFEAGRRCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQ
GKAGQGHDVLRADSHEGEVAEGKLPSPGPGQELLDSPPALYAEPDLSLRIAPCPSQDSLYSDPL
DSTSAQAGEGVQRKKPLYWDLYEHAQQQLLKAKLTDPKEDPYDEPEGLAPVPPQGLYDLPREP
KDAWWCQARVKEEGYELPYNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHNS
ALYSQVQKSGASGSWDCGLSRVGTDKTGKSEGST

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

DOK1 MaxPab polyclonal antibody. Western Blot analysis of DOK1 expression in human spleen.

[Protocol Download](#)

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[Protocol Download](#)

Gene Info — DOK1

Entrez GeneID	1796
GeneBank Accession#	NM_001381
Protein Accession#	NP_001372.1
Gene Name	DOK1
Gene Alias	MGC117395, MGC138860, P62DOK
Gene Description	docking protein 1, 62kDa (downstream of tyrosine kinase 1)
Omim ID	602919
Gene Ontology	Hyperlink

Gene Summary

Docking protein 1 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. Docking protein 1 contains a putative pleckstrin homology domain at the amino terminus and ten PXXP SH3 recognition motifs. Docking protein 2 binds p120 (RasGAP) from CML cells. It has been postulated to play a role in mitogenic signaling. [provided by RefSeq]

Other Designations

Downstream of tyrosine kinase 1|docking protein 1|docking protein 1 (downstream of tyrosine kinase 1)|docking protein 1, 62kD (downstream of tyrosine kinase 1)

Publication Reference

- [Critical role for DOK1 in PDGF-BB stimulated glioma cell invasion via p130Cas and Rap1 signalling.](#)

Barrett A, Evans IM, Frolov A, Britton G, Pellet-Mary C, Yamaji M, Mehta V, Bandopadhyay R, Li N, Brandner S, Zachary IC, Frankel P.

Journal of Cell Science 2014 Jun; 127(Pt 12):2647.

Application: WB-Ce, WB-Tr, Human, U87 MG cells

Disease

- [Genetic Predisposition to Disease](#)
- [Leukemia](#)