

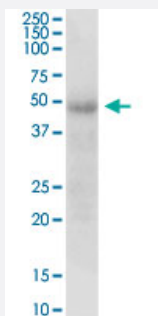
MaxPab®

DOK1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001796-B01P

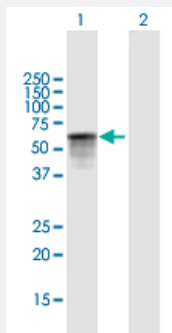
Size 50 ug

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 a.a. ~ 481 a.a) full-length human protein.

Sequence

MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPFGVARLEFFDHKGSSSSGGGRGSSRRLLDC
KVIRLAECVSVAPVTVEPTPEPGATAFRLDTAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTL
APTDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGA
QSQILEPLLSWPYTLRLRYGRDKVMFSFEAGRRCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQ
GKAGQGHDVLRADSHEGEVAEGKLPSPGPGQELLDSPPALYAEPDLSLRIAPCPSQDSLYSDPL
DSTSAQAGEGVQRKKPLYWDLYEHAQQQLLKAKLTDPKEDPYDEPEGLAPVPPQGLYDLPREP
KDAWWCQARVKEEGYELPNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHNS
ALYSQVQKSGASGSWDCGLSRVGTDKTGKSEGST

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — DOK1

Entrez GeneID	1796
GeneBank Accession#	NM_001381
Protein Accession#	NP_001372
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)

Disease

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