

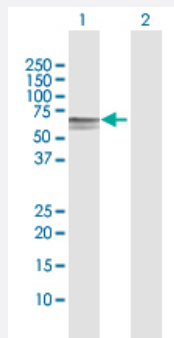
MaxPab®

DOK1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001796-D01P

Size 100 ug

Applications



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 (52.40 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit 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

MDGAVMEGPLFLQSQRFGTKRWRKTWAVLYPASPFGVARLEFFDHKGSSSSGGGRGSSRRRLDC
KVIRLAECVSVAPVTVETPPEPGATAFRLDTAQRSHLLAADAPSSAAWVQTLCRNAFPKGSWTL
APTNDNPPKLSALEMLENSLYSPTWEGSQFWVTVQRTEAAERCGLHGSYVLRVEAERLTLLTVGA
QSQILEPLLSWPYTLLRRYGRDKVMFSFEAGRRCPSGPGTFTFQTAQGNDIFQAVETAIHRQKAQ
GKAGQGHDVLRADSHEGEVAEGKLPSPPGPQELLDSPPALYAEPDLSLRIAPCPSQDSLSDPL
DSTSAQAGEGVQRKKPLYWDLYEHAQQQLLKAKLTDPKEDPIYDEPEGLAPVPPQGLYDLPREP
KDAWWCQARVKEEGYELPYNPATDDYAVPPPRSTKPLLAPKPQGPAFPEPGTATGSGIKSHNS
ALYSQVQKSGASGSWDCGLSRVGTDKTGKSEGST

Host

Rabbit

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

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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)

Disease

- [Genetic Predisposition to Disease](#)

- [Leukemia](#)