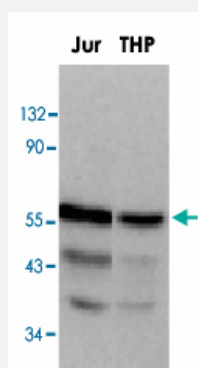


DOK1 polyclonal antibody

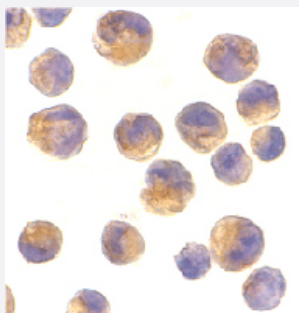
Catalog # PAB12821 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DOK1 in Jurkat (Jur) and THP-1 (THP) cell lysates with DOK1 polyclonal antibody (Cat # PAB12821) at 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of DOK1 in K-562 cells with DOK1 polyclonal antibody (Cat # PAB12821) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DOK1.
Immunogen	A synthetic peptide corresponding to C-terminus of human DOK1.
Host	Rabbit
Reactivity	Human
Specificity	A 62 KDa band should be detected.
Form	Liquid

Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of DOK1 in Jurkat (Jur) and THP-1 (THP) cell lysates with DOK1 polyclonal antibody (Cat # PAB12821) at 1 ug/mL .

- Immunocytochemistry

Immunocytochemistry of DOK1 in K-562 cells with DOK1 polyclonal antibody (Cat # PAB12821) at 2 ug/mL .

Gene Info — DOK1

Entrez GeneID	1796
Protein Accession#	AAC51127
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

- [Molecular cloning and characterization of p56dok-2 defines a new family of RasGAP-binding proteins.](#)

Di Cristofano A, Carpino N, Dunant N, Friedland G, Kobayashi R, Strife A, Wisniewski D, Clarkson B, Pandolfi PP, Resh MD.
The Journal of Biological Chemistry 1998 Feb; 273(9):4827.

Application: IP, WB-Tr, Monkey, COS cells

- [Juxtamembrane tyrosine residues couple the Eph family receptor EphB2/Nuk to specific SH2 domain proteins in neuronal cells.](#)

Holland SJ, Gale NW, Gish GD, Roth RA, Songyang Z, Cantley LC, Henkemeyer M, Yancopoulos GD, Pawson T.
The EMBO Journal 1997 Jul; 16(13):3877.

Application: IP, Mouse, NG108 cells

- [p62\(dok\): a constitutively tyrosine-phosphorylated, GAP-associated protein in chronic myelogenous leukemia progenitor cells.](#)

Carpino N, Wisniewski D, Strife A, Marshak D, Kobayashi R, Stillman B, Clarkson B.
Cell 1997 Jan; 88(2):197.

Application: IP, WB-Ce, Human, Mo7 cells

Disease

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