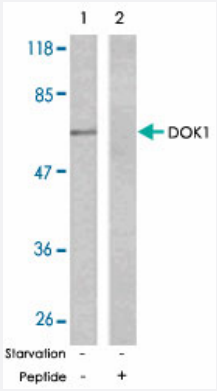
DOK1 polyclonal antibody

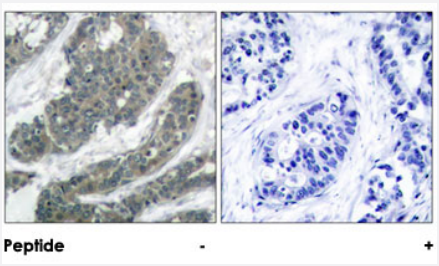
Catalog # PAB26794 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 using DOK1 polyclonal antibody (Cat # PAB26794).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DOK1 polyclonal antibody (Cat # PAB26794).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DOK1.
Immunogen	A synthetic peptide corresponding to residues surrounding Y398 of human DOK1.
Sequence	E-G-Yp-E-L
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extracts from K-562 using DOK1 polyclonal antibody (Cat # PAB26794).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DOK1 polyclonal antibody (Cat # PAB26794).

Gene Info — DOK1

Entrez GeneID	1796
Protein Accession#	Q99704
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