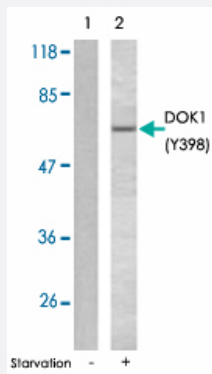


DOK1 (phospho Y398) polyclonal antibody

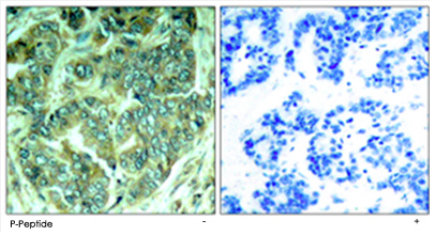
Catalog # PAB25859 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 cells using DOK1 (phospho Y398) polyclonal antibody (Cat # PAB25859).



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DOK1 (phospho Y398) polyclonal antibody (Cat # PAB25859).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of DOK1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y398 of human DOK1.
Sequence	E-G-Yp-E-L
Host	Rabbit
Theoretical MW (kDa)	62
Reactivity	Human, Mouse, Rat

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 cells using DOK1 (phospho Y398) polyclonal antibody (Cat # PAB25859).

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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using DOK1 (phospho Y398) polyclonal antibody (Cat # PAB25859).

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](#)