

Product datasheet for **AP02519PU-S**

DOK1 pTyr362 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/500-1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from Human p62Dok around the phosphorylation site of tyrosine 362 (P-I-Yp-D-E).
Specificity:	This antibody detects endogenous levels of p62Dok only when phosphorylated at Tyrosine 362.
Formulation:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	docking protein 1
Database Link:	Entrez Gene 1796 Human Q99704



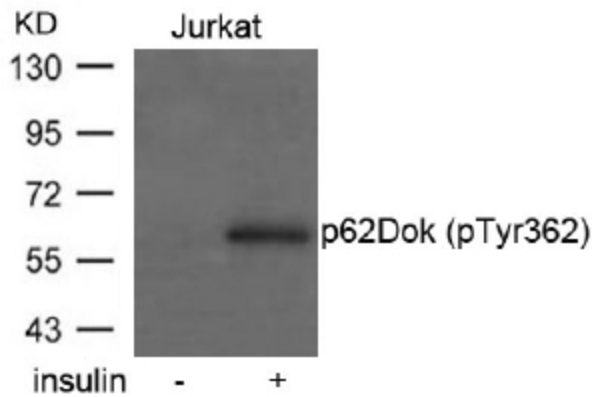
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Background: DOK1 (Downstream of tyrosine kinase 1, or Docking protein 1) is believed to be a mainly cytoplasmic adaptor protein which down-regulates mitogen-activated protein kinase activation, inhibits cell proliferation and transformation, and promotes cell spreading and cell migration. DOK1 appears to be a negative regulator of the insulin signaling pathway.

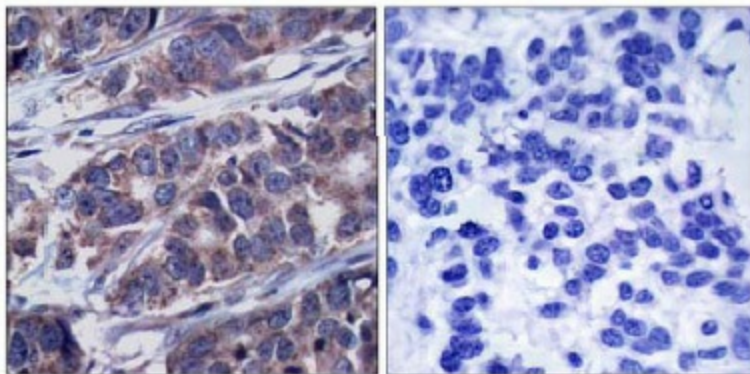
Synonyms: Docking protein 1, pp62, p62(dok)

Note: Molecular Weight: 62 kDa

Product images:



Western blot analysis of extracts from Jurkat cells treated or untreated with Insulin using p62Dok antibody (Phospho-Tyr362).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p62Dok antibody.