

## Product datasheet for **AP02520PU-N**

### **DOK1 pTyr398 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> 1/500-1/1000. Note: Incubate membrane with diluted antibody in 5% nonfat milk, 1xTBS, 0.1% Tween-20 at 4°C with gentle shaking, overnight. <b>Immunohistochemistry on Paraffin-Embedded Sections:</b> 1/50-1/100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from Hhuman p62Dok around the phosphorylation site of Tyrosine 398 (E-G-Yp-E-L).
Specificity:	This antibody detects endogenous levels of p62Dok only when phosphorylated at Tyrosine 398.
Formulation:	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	docking protein 1
Database Link:	<a href="#">Entrez Gene 1796 Human Q99704</a>



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**Background:**

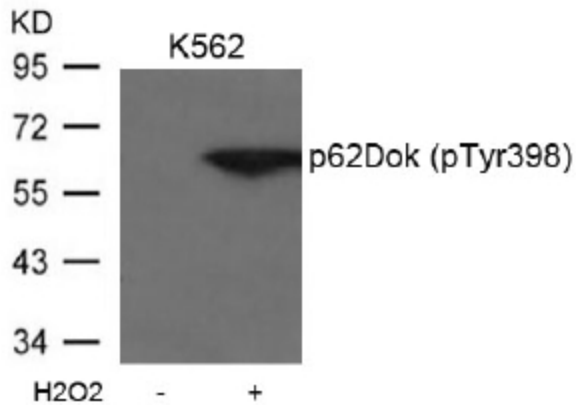
DOK1 (Downstream of tyrosine kinase 1, or Docking protein 1) is believed to be a mainly cytoplasmic adaptor protein which down-regulates mitogen-activated protein kinase activation, inhibits cell proliferation and transformation, and promotes cell spreading and cell migration. DOK1 appears to be a negative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

**Synonyms:**

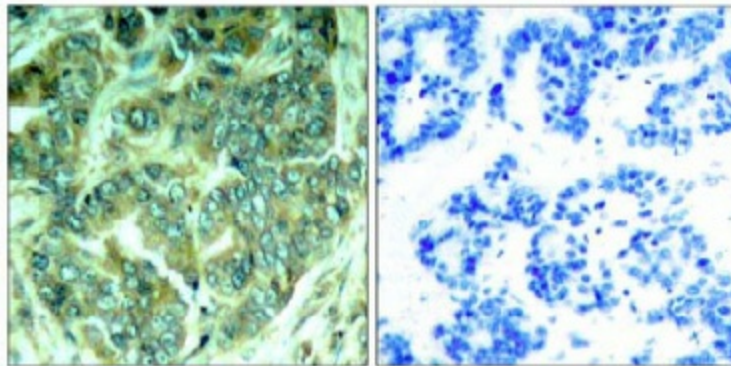
Docking protein 1, pp62, p62(dok)

**Note:**

Molecular Weight: 62 kDa

**Product images:**


Western blot analysis of extracts from K562 cells untreated or treated with H<sub>2</sub>O<sub>2</sub> using p62Dok (Phospho-Tyr398) antibody.



P-Peptide                      -                      +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p62Dok antibody (Phospho-Tyr398).