

### 35-1253: Polyclonal Antibody to p62Dok (phospho-Tyr398)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	DOK1
<b>Gene ID :</b>	1796
<b>Uniprot ID :</b>	Q99704
<b>Format :</b>	Purified
<b>Alternative Name :</b>	DOK1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of tyrosine 398 (E-G-Y(p)-E-L) derived from Human p62Dok.

### Description

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 62kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

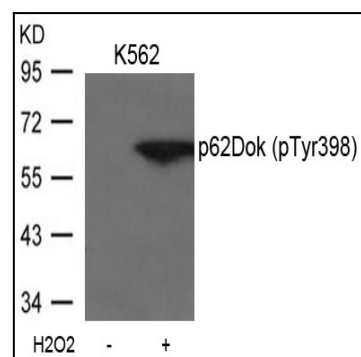


Figure 1: Western blot analysis of extracts from K562 cells untreated or treated with H2O2 using p62Dok(phospho-Tyr398) Antibody 35-1253 .

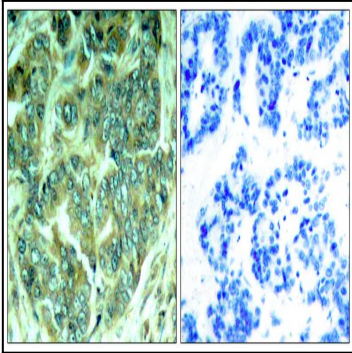


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr398) Antibody 35-1253 (left) or the same antibody preincubated with blocking peptide(right).