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## 35-1252: Polyclonal Antibody to p62Dok (phospho-Tyr362)

Clonality: Polyclonal Application: WB,IHC

Reactivity: Human, Mouse, Rat

Gene: DOK1 Gene ID: 1796 **Uniprot ID:** Q99704 Format: Purified **Alternative Name:** DOK1 Isotype: Rabbit IgG

Peptide sequence around phosphorylation site of tyrosine 362 (P-I-Y(p)-D-E) derived from Human Immunogen Information:

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. Zhou Songyang, et al. (2001) J. Biol. Chem; 276: 2459 - 2465. Jean-Guy N

## **Product Info**

Amount:  $50 \mu l / 100 \mu l$ 

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

## **Application Note**

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

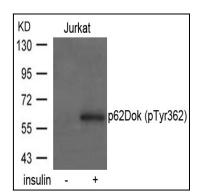


Figure 1: Western blot analysis of extracts from Jurkat cells untreated or treated with insulin using p62Dok(phospho-Tyr362) Antibody 35-1252.



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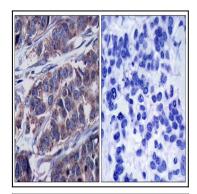


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr362) Antibody 35-1252 (left) or the same antibody preincubated with blocking peptide(right).

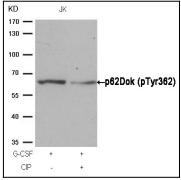


Figure 3: Western blot analysis of extracts from JK cells, treated with G-CSF or calf intestinal phosphatase (CIP), using p62Dok (phospho-Tyr362) Antibody 35-1252.