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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
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 362 (P-I-Y(p)-D-E) 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. Zhou Songyang, et al. (2001) J. Biol. Chem ; 276: 2459 - 2465. Jean-Guy N

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	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

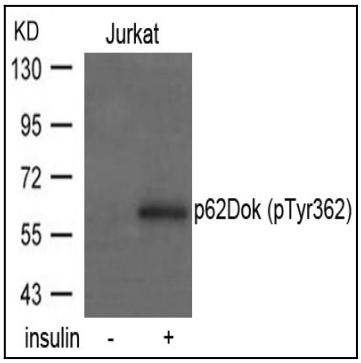

Figure 1: Western blot analysis of extracts from Jurkat cells untreated or treated with insulin using p62Dok(phospho-Tyr362) Antibody 35-1252 .

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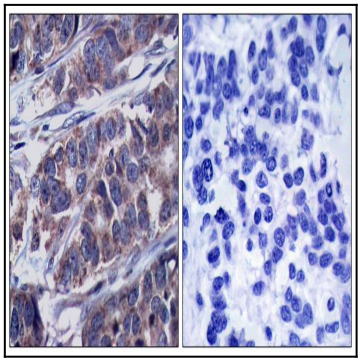

Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr362) Antibody 35-1252 (left) or the same antibody preincubated with blocking peptide(right).

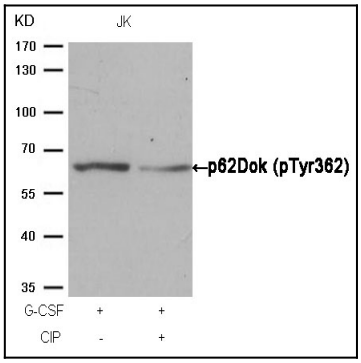

Figure 3: Western blot analysis of extracts from JK cells, treated with G-CSF or calf intestinal phosphatase (CIP), using p62Dok (phospho-Tyr362) Antibody 35-1252 .