

p62Dok(phospho-Tyr362) Antibody

Catalog No: #11276



Package Size: #11276-1 50ul #11276-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	p62Dok(phospho-Tyr362) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of p62Dok only when phosphorylated at tyrosine 362.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 362 (P-I-Y(p)-D-E) derived from Human p62Dok.
Target Name	p62Dok
Modification	Phospho
Other Names	DOK1
Accession No.	Swiss-Prot: Q99704NCBI Protein: NP_001372.1
Uniprot	Q99704
GeneID	1796;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

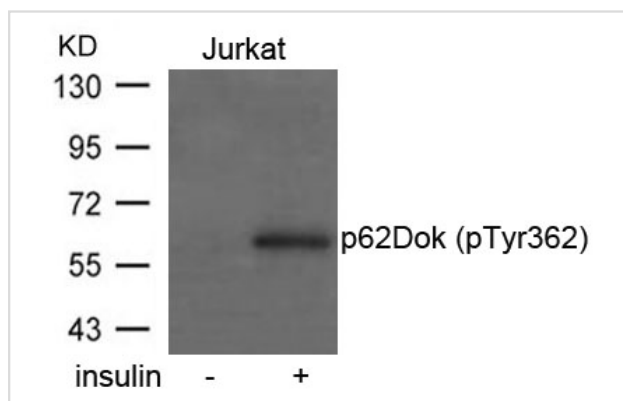
Application Details

Predicted MW: 62kd

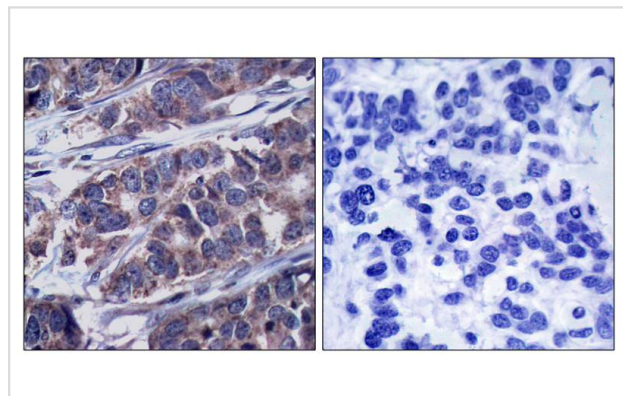
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

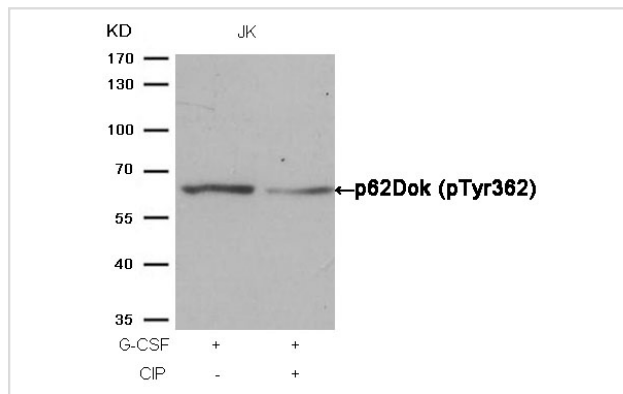
Images



Western blot analysis of extracts from Jurkat cells untreated or treated with insulin using p62Dok(phospho-Tyr362) Antibody #11276.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr362) Antibody #11276(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from JK cells, treated with G-CSF or calf intestinal phosphatase (CIP), using p62Dok (phospho-Tyr362) Antibody #11276.

Background

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

Note: This product is for in vitro research use only