p62Dok(phospho-Tyr398) Antibody

Catalog No: #11277

Package Size: #11277-1 50ul #11277-2 100ul

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

Description

Product Name	p62Dok(phospho-Tyr398) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of p62Dok only when phosphorylated at tyrosine 398.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 398 (E-G-Y(p)-E-L) 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 Mg2+ and Ca2+), 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.

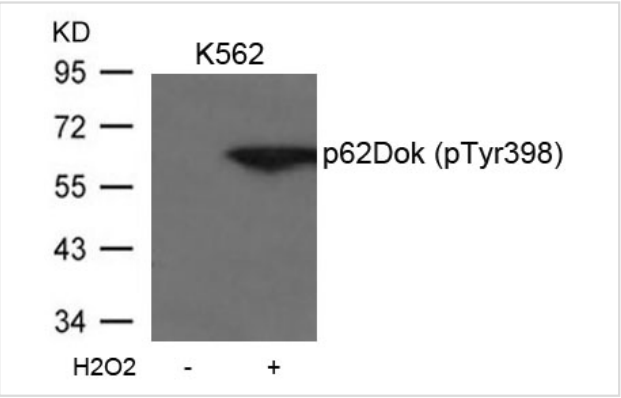
Application Details

Predicted MW: 62kd

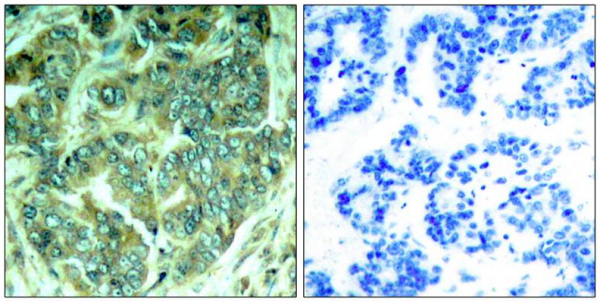
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells untreated or treated with H2O2 using p62Dok(phospho-Tyr398) Antibody #11277.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr398) Antibody #11277(left) or the same antibody preincubated with blocking peptide(right).

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.

Michael J. Wick, et al. (2001) J. Biol. Chem ; 276: 42843 - 42850.

Paul D. Simoncic, et al. (2006) Mol. Cell. Biol ; 26: 4149 - 4160.

Nadia Dub

Note: This product is for in vitro research use only