

p62Dok(Ab-362) Antibody

Catalog No: #21268

Package Size: #21268-1 50ul #21268-2 100ul

Description

Product Name	p62Dok(Ab-362) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total p62Dok protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.360~364 (P-I-Y-D-E) derived from Human p62Dok.
Conjugates	Unconjugated
Target Name	p62Dok
Other Names	DOK1
Accession No.	Swiss-Prot: Q99704NCBI Protein: NP_001372.1
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.

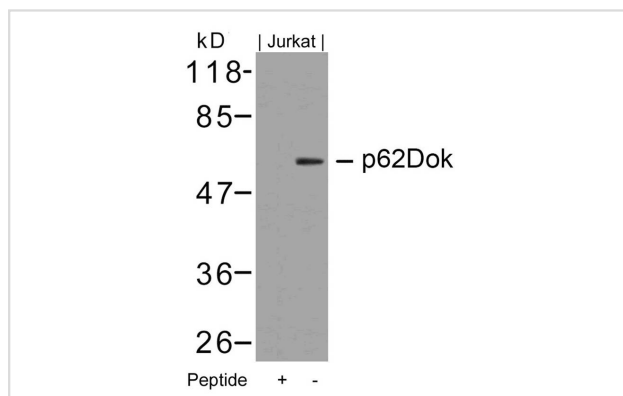
Application Details

Predicted MW: 62kd

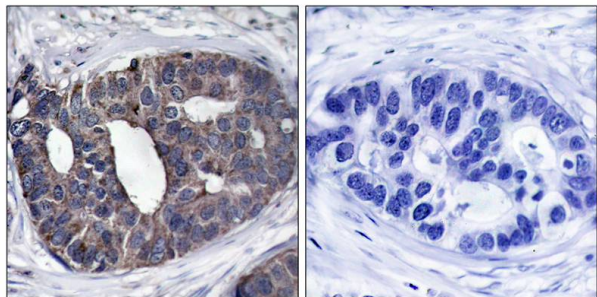
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from Jurkat cells using p62Dok(Ab-362) Antibody #21268 and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Ab-362) Antibody #21268(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.

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

Jean-Guy N

Note: This product is for in vitro research use only and is not intended for use in humans or animals.