p62Dok(Ab-398) Antibody

Catalog No: #21269

Package Size: #21269-1 50ul #21269-2 100ul

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

Description

Product Name	p62Dok(Ab-398) 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 IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total p62Dok protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.396~400 (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 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

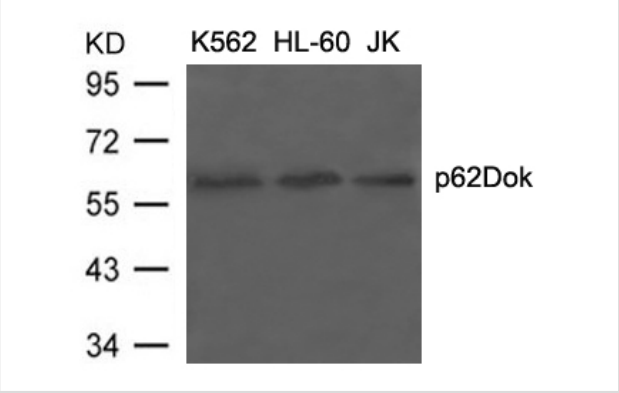
Predicted MW: 62kd

Western blotting: 1:500~1:1000

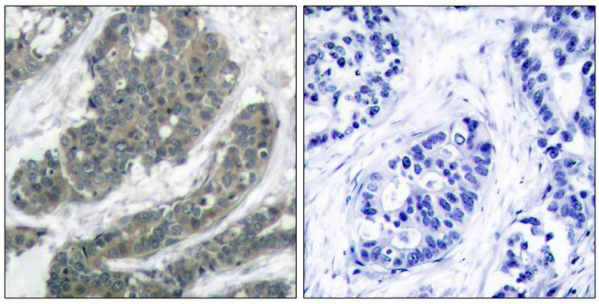
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

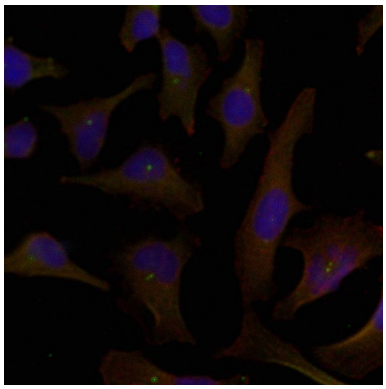
Images



Western blot analysis of extracts from K562, HL-60 and JK cells using p62Dok(Ab-398) Antibody #21269.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Ab-398) Antibody #21269(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using p62Dok(Ab-398) Antibody #21269.

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 and is not intended for use in humans or animals.