

Datasheet for ABIN7138998
anti-DOK1 antibody (pTyr398)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DOK1
Binding Specificity:	pTyr398
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 398 (E-G-Y(p)-E-L) derived from Human p62Dok.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	DOK1
Alternative Name:	DOK1 (DOK1 Products)

Target Details

Background:	<p>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.</p> <p>Michael J. Wick, et al. (2001) J. Biol. Chem , 276: 42843 - 42850.</p> <p>Paul D. Simoncic, et al. (2006) Mol. Cell. Biol , 26: 4149 - 4160.</p> <p>Nadia Dub</p> <p>Aliases: Docking protein 1 62kD antibody, Docking protein 1 antibody, DOK 1 antibody, DOK1 antibody, DOK1_HUMAN antibody, Downstream of tyrosine kinase 1 antibody, p62(dok) antibody, P62DOK antibody, pp62 antibody</p>
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UniProt:	Q99704
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Application Details

Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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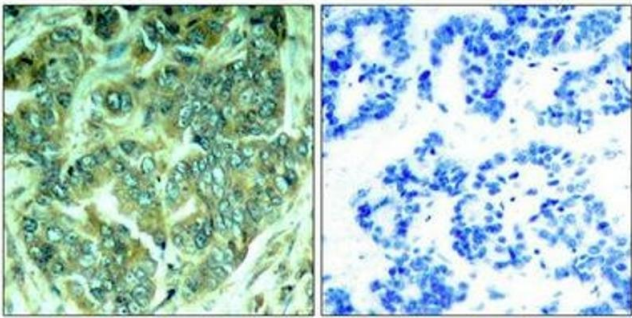
Buffer:	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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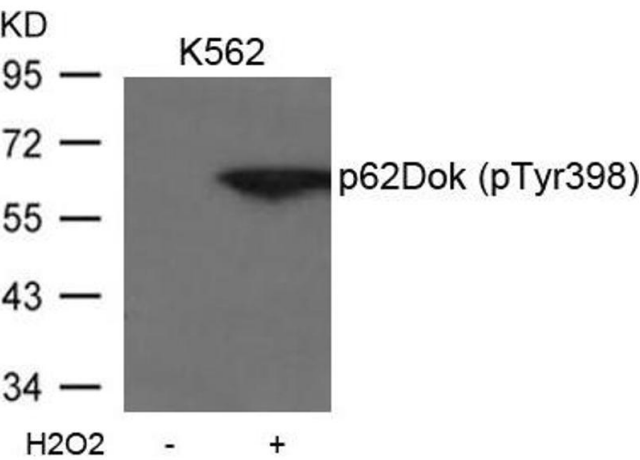
Storage:	-20 °C,-80 °C
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Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p62Dok(Phospho-Tyr398) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells untreated or treated with H2O2 using p62Dok(phospho-Tyr398) Antibody.