

Product datasheet for **TA324072**

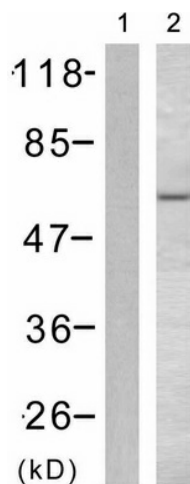
DOK1 Rabbit Polyclonal Antibody

Product data:

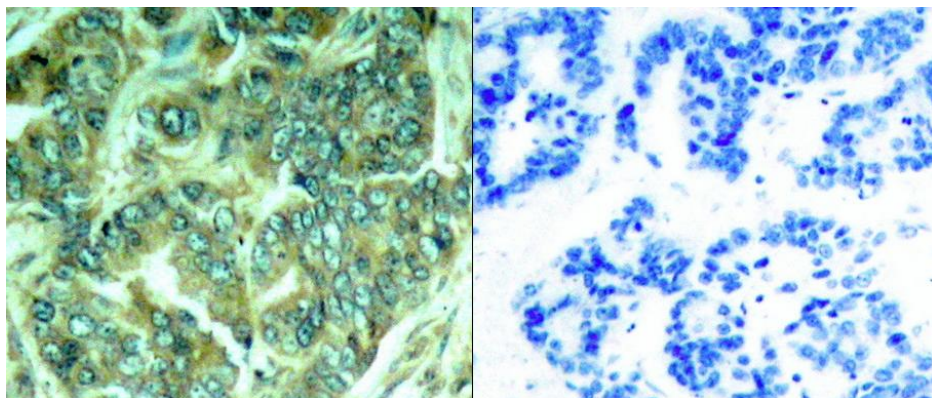
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1000, IHC: 1:50-100
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of tyrosine 398 (E-G-Y(p)-E-L) derived from Human p62Dok.
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	docking protein 1
Database Link:	NP_001372 Entrez Gene 13448 Mouse Entrez Gene 312477 Rat Entrez Gene 1796 Human Q99704
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.
Synonyms:	P62DOK
Protein Families:	Druggable Genome



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Product images:

Predicted band size: 62 kDa. Positive control: K562 cells untreated or treated with H₂O₂ lysate. Recommended dilution: 1/ 500-1000. (Gel: 8%SDS-PAGE Lane 1: K562 cells untreated with H₂O₂ lysate Lane 2: K562 cells treated with H₂O₂ lysate Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)



Predicted cell location: Cytoplasm. Positive control: Human breast carcinoma tissue. Recommended dilution: 1/ 50-100 The image on the left is immunohistochemistry of paraffin-embedded human breast carcinoma tissue using DOK1 (phospho-Tyr398) antibody at dilution 1/50, on the right is treated with the synthetic peptide. (Original magnification:x200)