

Datasheet for ABIN6256732
anti-DOK1 antibody (pTyr398)

3 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | DOK1 |
| Binding Specificity: | pTyr398 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DOK1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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|-----------------------|---|
| Immunogen: | A synthesized peptide derived from human p62 Dok around the phosphorylation site of Tyr398. |
| Isotype: | IgG |
| Specificity: | Phospho-p62 Dok (Tyr398) Antibody detects endogenous levels of p62 Dok only when phosphorylated at Tyrosine 398. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus |
| Purification: | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |

Target Details

| | |
|---------|------|
| Target: | DOK1 |
|---------|------|

Target Details

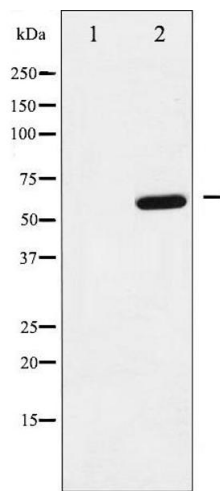
| | |
|-------------------|---|
| Alternative Name: | DOK1 (DOK1 Products) |
| Background: | <p>Description: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK1 appears to be a negative regulator of the insulin signaling pathway. Modulates integrin activation by competing with talin for the same binding site on ITGB3.</p> <p>Gene: DOK1</p> |
| Molecular Weight: | 62kDa |
| Gene ID: | 1796 |
| UniProt: | Q99704 |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:500-1:2000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

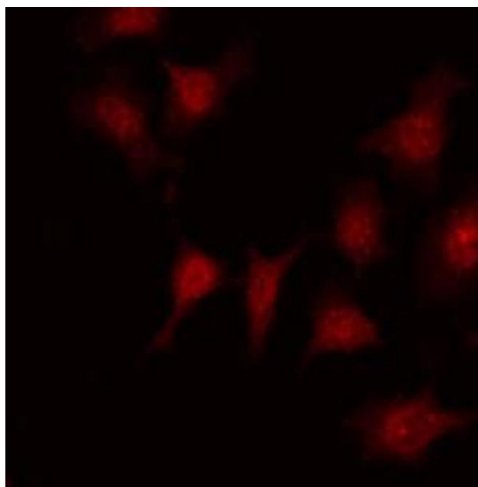
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



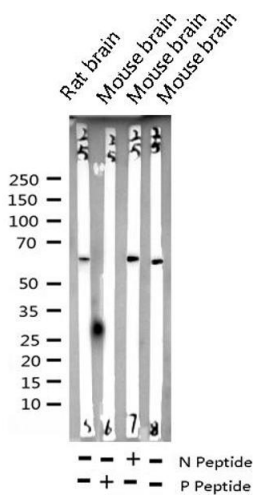
Western Blotting

Image 1. Western blot analysis of p62 Dok phosphorylation expression in K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6267688 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 3. Western blot analysis of Phospho-p62 Dok (Tyr398) expression in various lysates