Datasheet for ABIN684148

anti-DOK2 antibody (pTyr351)

3 Images

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Overview

Quantity:	100 µL
Target:	DOK2
Binding Specificity:	pTyr351
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse p56Dok2 around the phosphorylation site of (Tyr351)
Isotype:	IgG
Specificity:	This phosphorylation site is found at Tyr345 in Human. Due to the highly conserved nature of this sequence with DOK1, this antibody may react with DOK1 when it is phosphorylated at Tyr362 in Human and Tyr361 in Mouse and Rat.
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

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Target Details

Target:	DOK2
Alternative Name:	Dok2 (DOK2 Products)
Background:	Synonyms: DokR, Frip, Docking protein 2, Dok-related protein, Dok-R, Downstream of tyrosine kinase 2, IL-four receptor-interacting protein, p56(dok-2), Dok2 Background: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK2 may modulate the cellular proliferation induced by IL-4, as well as IL-2 and IL-3. May be involved in modulating Bcr-Abl signaling. Attenuates EGF-stimulated MAP kinase activation.
Gene ID:	13449
UniProt:	O70469

Application Details

Application Notes:	WB 1:100-1000 IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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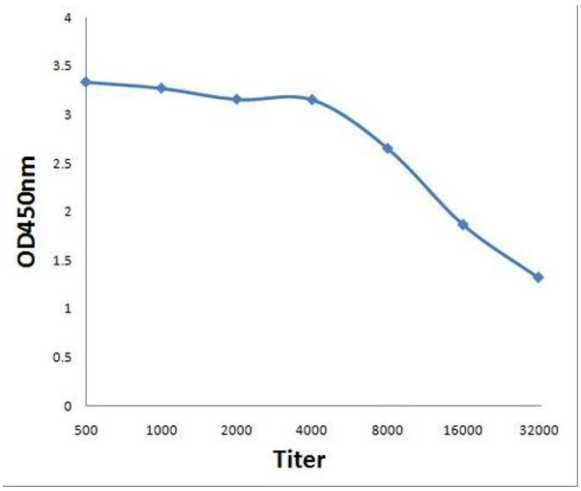

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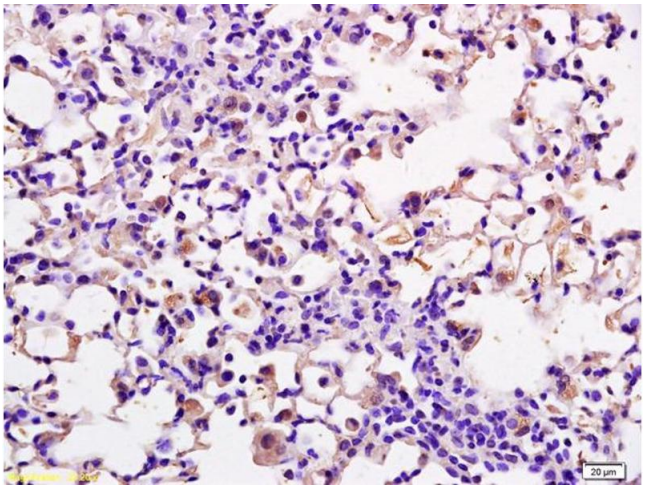
Image 1. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat lung labeled with Anti-Phospho-DOK2 (Tyr351) Polyclonal Antibody, Unconjugated (ABIN684148) at 1:200 followed by conjugation to the secondary antibody and DAB staining

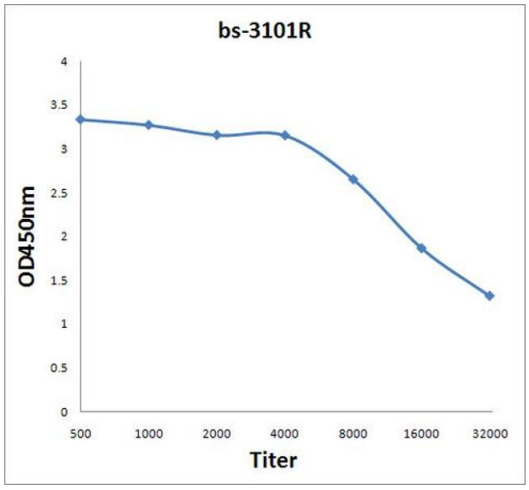


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Image 3. Antigen: 2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Rabbit Anti-Goat IgG at 1: 5000; TMB staining Read the data in Microplate Reader by 450nm.

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