

Datasheet for ABIN2792223
anti-DOK2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DOK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DOK2
Sequence:	QEPRGEAWRR QATRDRLPAG LQHVQPAGQD FSASGWQPGT EYDNNVLKKG
Predicted Reactivity:	Cow: 100%, Dog: 90%, Horse: 90%, Human: 100%, Mouse: 90%, Pig: 100%, Rat: 90%
Characteristics:	This is a rabbit polyclonal antibody against DOK2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DOK2
Alternative Name:	DOK2 (DOK2 Products)

Target Details

Background:	DOK2 is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210 (bcr/abl), a chimeric protein whose presence is associated with CML. DOK2 binds p120 (RasGAP) from CML cells. The protein encoded by this gene is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. This encoded protein binds p120 (RasGAP) from CML cells. Alias Symbols: p56DOK, p56dok-2 Protein Interaction Partner: UBC, RASA1, ABL1, POT1, EGFR, KIAA1279, INPP5D, NCK1, TEK, SRC, LYN, RET, LCK, IL4R, HCK, HSPA4L, ASF1B, DNAJB11, RAB10, SSSCA1, CFLAR, SPOP, SHC1, PSMD10, DOK1, Protein Size: 412
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Molecular Weight:	45 kDa
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Gene ID:	9046
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NCBI Accession:	NM_003974 , NP_003965
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UniProt:	O60496
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 412 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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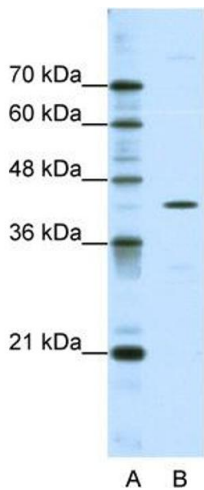
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DOK2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate