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Datasheet for ABIN2788379 anti-DOK4 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	DOK4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DOK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DOK4
Sequence:	GPQRLEKYPD EKSVCLRGCP KVTEISNVKC VTRLPKETKR QAVAIIFTDD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against DOK4. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	DOK4
Alternative Name:	DOK4 (DOK4 Products)

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Target Details

Background:	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking
	platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-
	mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway
	Alias Symbols: FLJ10488
	Protein Interaction Partner: BAG3, ERBB2, EGFR, ELAVL1, TEK, SRC, CRK, RET, INSR, IGF1R,
	RASA1, FYN,
	Protein Size: 326
Molecular Weight:	36 kDa
Gene ID:	55715
NCBI Accession:	NM_018110, NP_060580
UniProt:	Q8TEW6

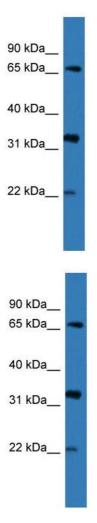
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 326 AA
Restrictions:	For Research Use only

Handling

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

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Western Blotting

Image 1. WB Suggested Anti-DOK4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500

Positive Control: 721_B cell lysate

Western Blotting

Image 2. WB Suggested Anti-DOK4
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500
Positive Control:.21_B cell lysate
There is BioGPS gene expression data showing that DOK4 is
expressed in 721_B

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