

Datasheet for ABIN2788379
anti-DOK4 antibody (N-Term)[Go to Product page](#)

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 EKSVCRLGCP 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)

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.



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