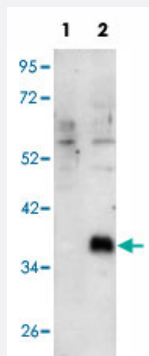


# DOK4 polyclonal antibody

Catalog # PAB3408

Size 400 uL

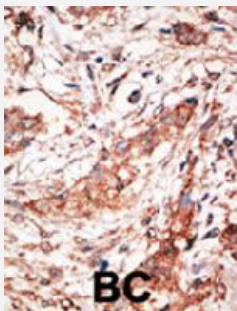
## Applications



### Western Blot (Transfected lysate)

Western blot analysis of DOK4 (arrow) using DOK4 polyclonal antibody (Cat # PAB3408).

293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DOK4 gene (Lane 2).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with DOK4 polyclonal antibody (Cat # PAB3408), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

## Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DOK4.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human DOK4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — DOK4

**Entrez GeneID** [55715](#)

**Protein Accession#** [NP\\_060580](#)

**Gene Name** DOK4

**Gene Alias** FLJ10488

**Gene Description** docking protein 4

**Omim ID** [608333](#)

**Gene Ontology** [Hyperlink](#)

**Other Designations** downstream of tyrosine kinase 4

## Publication Reference

- [Dok-4 is a novel negative regulator of T cell activation.](#)

Gerard A, Ghiotto M, Fos C, Guittard G, Compagno D, Galy A, Lemay S, Olive D, Nunes JA.

Journal of Immunology 2009 Jun; 182(12):7681.

- [Two new substrates in insulin signaling. IRS5/DOK4 and IRS6/DOK5.](#)

Cai D, Dhe-Paganon S, Melendez PA, Lee J, Shoelson SE.

The Journal of Biological Chemistry 2003 May; 278(28):25323.

- [DOK4 and DOK5: new Dok-related genes expressed in human T cells.](#)

Favre C, Gerard A, Clauzier E, Pontarotti P, Olive D, Nunes JA.

Genes and Immunity 2003 Jan; 4(1):40.