

# Rabbit DOK4 Polyclonal Antibody | anti-DOK4 antibody

Anti-DOK4 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA269722</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

## PRODUCT SYNONYMS

DOK4; Polyclonal Antibody; Anti-DOK4 Antibody; Docking protein 4; Downstream of tyrosine kinase 4; Insulin receptor substrate 5; IRS-5; IRS5; anti-DOK4 antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                          |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                           |
| Applicable Applications for anti-DOK4 antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DOK4. The exact sequence is proprietary. |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                      |

## IMAGES



### IF (Immunofluorescence)

Immunofluorescent analysis of DOK4 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



### WB (Western Blot)

Western blot analysis of DOK4 expression in HEK293T (A), HepG2 (B), rat liver (C), mouse kidney (D) whole cell lysates.

## ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-DOK4 antibody | Rabbit polyclonal antibody to DOK4 |
| Product Categories/Family for anti-DOK4 antibody   | <a href="#">Primary Antibody</a>   |

## NCBI AND UNIPROT INFORMATION

|             |                          |
|-------------|--------------------------|
| NCBI GI #   | <a href="#">20070302</a> |
| NCBI GeneID | <a href="#">55715</a>    |

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_060580.2</a>                                                                       |
| NCBI GenBank Nucleotide #        | <a href="#">NM_018110.3</a>                                                                       |
| UniProt Accession #              | <a href="#">Q8TEW6</a> ; <a href="#">O75209</a> ; <a href="#">Q9BTP2</a> ; <a href="#">Q9NVV3</a> |
| Molecular Weight                 | 37,028 Da                                                                                         |
| NCBI Official Full Name          | docking protein 4                                                                                 |
| NCBI Official Synonym Full Names | docking protein 4                                                                                 |
| NCBI Official Symbol             | DOK4                                                                                              |
| NCBI Protein Information         | docking protein 4; IRS5; IRS-5; insulin receptor substrate 5; downstream of tyrosine kinase 4     |
| UniProt Protein Name             | Docking protein 4                                                                                 |
| UniProt Gene Name                | <b>DOK4</b>                                                                                       |
| UniProt Synonym Gene Names       | IRS-5; IRS5                                                                                       |
| UniProt Entry Name               | DOK4_HUMAN                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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