

**DOCK2 polyclonal antibody**

Catalog: BS72336

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

The protein encoded by this gene belongs to the CDM protein family. It is specifically expressed in hematopoietic cells and is predominantly expressed in peripheral blood leukocytes. The protein is involved in remodeling of the actin cytoskeleton required for lymphocyte migration in response to chemokine signaling. It activates members of the Rho family of GTPases, for example RAC1 and RAC2, by acting as a guanine nucleotide exchange factor (GEF) to exchange bound GDP for free GTP.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

240kDa

**Swiss-Prot:**

Q92608

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

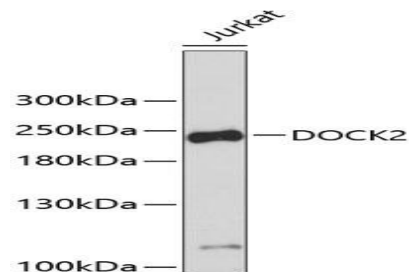
WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200 | IP, 1:50 - 1:100

**Storage&Stability:**

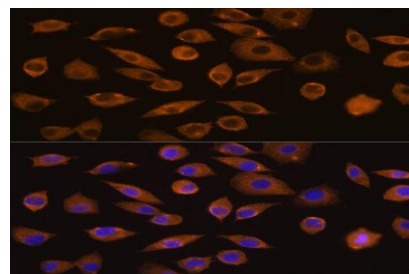
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

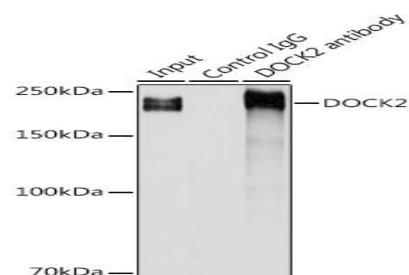
Polyclonal Antibodies

**DATA:**

Western blot analysis of extracts of Jurkat cells, using DOCK2 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of L929 cells using DOCK2 Rabbit pAb at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug DOCK2 antibody. Western blot was performed from the immunoprecipitate using DOCK2 antibody at a dilution of 1:500.

**Note:**

For research use only, not for use in diagnostic procedure.

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