

## DOCK11 polyclonal antibody

Catalog: BS60138

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Small GTPases of the Rho family, Rho, Rac, and Cdc42, are critical regulators of the actin cytoskeleton and many other cellular processes. Rho GTPases are activated by Dbl-homology (DH)-domain-containing guanine nucleotide exchange factors (GEFs). DOCK 11 (dedicator of cytokinesis 11), also known as ACG or ZIZ2 (zizimin2), is a 2073 amino acid protein belonging to the DOCK family of cytokinesis-regulating proteins that is mainly expressed in peripheral blood leukocytes. DOCK 11 functions as a GEF that binds and activates Cdc42 by exchanging bound GDP for free GTP. Cdc42 mediates cell polarity, gene expression, cell cycle progression and cell-cell contacts. Similar to other DOCK family members, DOCK 11 contains a PH domain and two internal DOCK homology regions designated DHR1 and DHR2.

### Product:

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

### Molecular Weight:

~ 238 kDa

### Swiss-Prot:

Q5JSL3

### 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

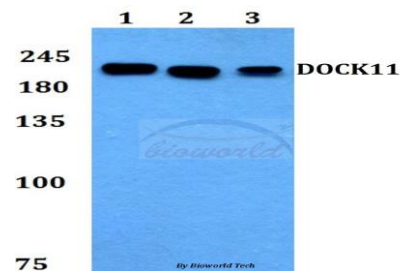
### Storage&Stability:

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

### Specificity:

DOCK11 polyclonal antibody detects endogenous levels of DOCK11 protein.

### DATA:



Western blot (WB) analysis of DOCK11 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151