

# Rho guanine nucleotide exchange factor 7 Polyclonal Antibody

Catalog No: #42257

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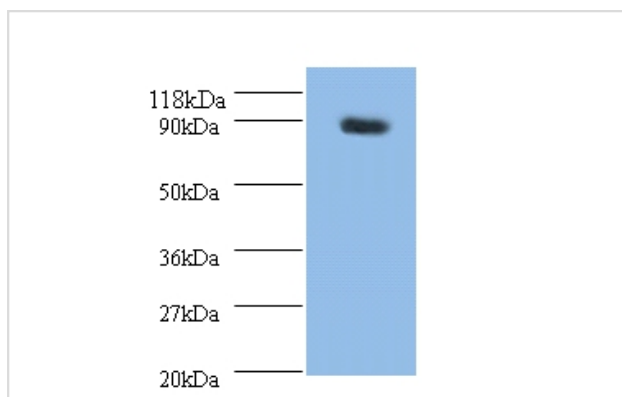
## Description

Product Name	Rho guanine nucleotide exchange factor 7 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Rho guanine nucleotide exchange factor 7 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Human Rho guanine nucleotide exchange factor 7 protein
Target Name	Rho guanine nucleotide exchange factor 7
Other Names	Beta-Pix, COOL-1, PAK-interacting exchange factor beta, p85, ARHGEF7, COOL1, KIAA0142, P85SPR, PAK3BP, PIXB ORF Names: Nbla10314
Accession No.	Swiss-Prot#: Q14155
Uniprot	Q14155
GeneID	8874;
Calculated MW	90kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : Rho guanine nucleotide exchange factor 7 antibody  
at 2ug/ml

Lane 1 : mouse skeletal muscle tissue

Lane 2 : 293T whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/10000 dilution

Predicted band size:90KDa

Observed band size:90KDa

## Background

Acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce membrane ruffling. Functions in cell migration, attachment and cell

spreading. Promotes targeting of RAC1 to focal adhesions By similarity. May function as a positive regulator of apoptosis. Downstream of NMDA receptors and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.

## References

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[1] Prediction of the coding sequences of unidentified human genes. IV. The coding sequences of 40 new genes (KIAA0121-KIAA0160) deduced by analysis of cDNA clones from human cell line KG-1. Nagase T., Seki N., Tanaka A., Ishikawa K., Nomura N. DNA Res. 2:1

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Note: This product is for in vitro research use only