

BORG4 Antibody

Catalog No: #34558

Package Size: #34558-1 50ul #34558-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

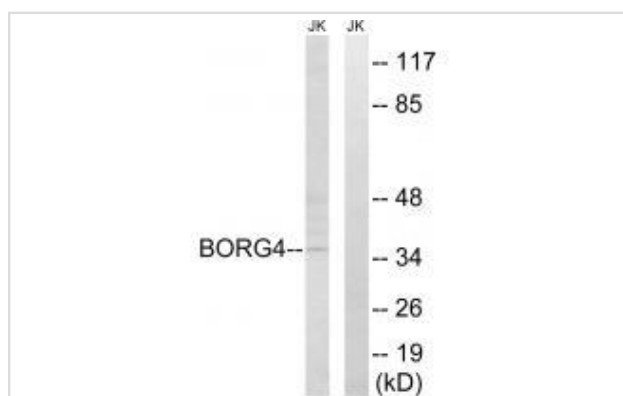
Description

Product Name	BORG4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BORG4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human BORG4.
Target Name	BORG4
Other Names	binder of Rho GTPases 4; BORG4; CDC42 effector protein (Rho GTPase binding) 4; Cdc42 effector protein 4; CEP4
Accession No.	Swiss-Prot: Q9H3Q1NCBI Gene ID: 23580
Uniprot	Q9H3Q1
GeneID	23580;
SDS-PAGE MW	36kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using BORG4 antibody #34558.

Background

Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation, when overexpressed in fibroblasts.

Osada N., J. Hum. Genet. 45:374-377(2000).

Hirsch D.S., J. Biol. Chem. 276:875-883(2001).

Olsen J.V., Cell 127:635-648(2006).

Note: This product is for in vitro research use only