

ARBK1 Antibody

Catalog No: #33725

Package Size: #33725-1 50ul #33725-2 100ul

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

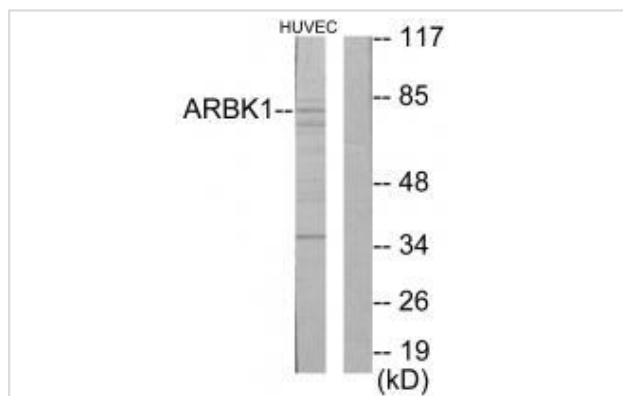
Description

Product Name	ARBK1 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 Ms Rt
Specificity	The antibody detects endogenous levels of total ARBK1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ARBK1.
Target Name	ARBK1
Other Names	ADRBK1; ARBK1; BARK; BARK1; Beta-ARK-1
Accession No.	Swiss-Prot: P25098NCBI Gene ID: 156
Uniprot	P25098
GeneID	156;
SDS-PAGE MW	80kd
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 HuvEc cells, using ARBK1 antibody #33725.

Background

Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1 signaling. Competes with RALA for binding to LPAR1 thus affecting the signaling properties of the receptor.

Desensitizes LPAR1 and LPAR2 in a phosphorylation-independent manner.

Chuang T.T., J. Biol. Chem. 267:6886-6892(1992).

Penn R.B., J. Biol. Chem. 269:14924-14930(1994).

Fushman D., J. Biol. Chem. 273:2835-2843(1998).

Note: This product is for in vitro research use only