ARHGAP22 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00600
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RHG22. AA range:565-614
Mol wt	76779
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ARHGAP22 Antibody
Synonyms	ARHGAP22; RHOGAP2; Rho GTPase-activating protein 22; Rho-type GTPase-activating protein 22

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ARHGAP22 (Rho GTPase activating protein 22) encodes a member of the GTPase activating protein family which activates a GTPase belonging to the RAS superfamily of small GTP-binding proteins. The encoded protein is insulin-responsive, is dependent on the kinase Akt and requires the Akt-dependent 14-3-3 binding protein which binds sequentially to two serine residues. The result of these interactions is regulation of cell motility. Multiple transcript variants encoding different isoforms have been found for ARHGAP22.
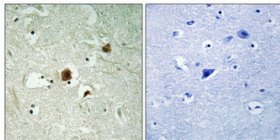
Recommended Dilution

WB: 1: 500 - 1: 2000
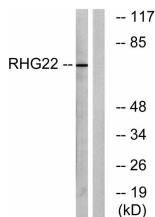
IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Western blot analysis of lysates from K562 cells, using RHG22 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year