



ARHGAP22 rabbit pAb

Cat No.:ES6962

For research use only

Overview

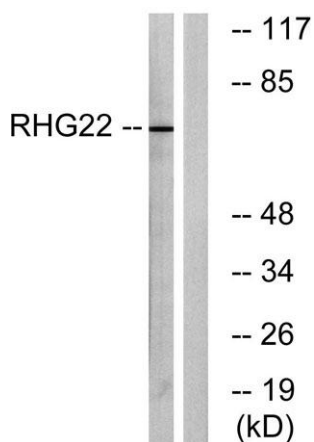
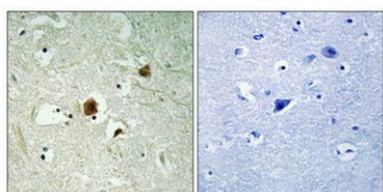
Product Name	ARHGAP22 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RHG22. AA range:565-614
Specificity	ARHGAP22 Polyclonal Antibody detects endogenous levels of ARHGAP22 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Rho GTPase-activating protein 22
Gene Name	ARHGAP22
Cellular localization	Cytoplasm . Nucleus . Mainly cytoplasmic. Some fraction is nuclear (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	77kD
Human Gene ID	58504
Human Swiss-Prot Number	Q7Z5H3
Alternative Names	ARHGAP22; RHOGAP2; Rho GTPase-activating protein 22; Rho-type GTPase-activating protein 22
Background	This gene 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 this gene. [provided by RefSeq, Dec 2011],

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. Negative contrl (right) obtained from antibody was pre-absorbed by i



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

