



ARHGEF9 rabbit pAb

Cat No.:ES5324

For research use only

Overview

Product Name	ARHGEF9 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	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 ARHGEF9. AA range:399-448
Specificity	ARHGEF9 Polyclonal Antibody detects endogenous levels of ARHGEF9 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 guanine nucleotide exchange factor 9
Gene Name	ARHGEF9
Cellular localization	Cytoplasm . Cell junction, synapse, postsynaptic density .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	23229
Human Swiss-Prot Number	O43307
Alternative Names	ARHGEF9; ARHDH9; KIAA0424; Rho guanine nucleotide exchange factor 9; Collybistin; PEM-2 homolog; Rac/Cdc42 guanine nucleotide exchange factor 9
Background	The protein encoded by this gene is a Rho-like GTPase that switches between the active (GTP-bound) state and inactive (GDP-bound) state





to regulate CDC42 and other genes. Defects in this gene are a cause of startle disease with epilepsy (STHEE), also known as hyperekplexia with epilepsy. Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2010],

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using ARHGEF9 Antibody. The picture on the right is blocked with the synthesized peptide.

