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AGAP3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17355a

Product Information

Application	WB, E
Primary Accession	Q96P47
Other Accession	Q8VHH5, NP_001036000.1, NP_114152.3
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37294
Calculated MW	95044
Antigen Region	190-217

Additional Information

Gene ID	116988
Other Names	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3, AGAP-3, CRAM-associated GTPase, CRAG, Centaurin-gamma-3, Cnt-g3, MR1-interacting protein, MRIP-1, AGAP3, CENTG3
Target/Specificity	This AGAP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-217 amino acids from the N-terminal region of human AGAP3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	AGAP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	AGAP3
Synonyms	CENTG3

Function	GTPase-activating protein for the ADP ribosylation factor family (Potential). GTPase which may be involved in the degradation of expanded polyglutamine proteins through the ubiquitin-proteasome pathway.
Cellular Location	Cytoplasm. Note=In cells upon oxidative stress or in brains of Machado-Joseph disease patients, translocates to PML nuclear bodies
Tissue Location	Widely expressed.

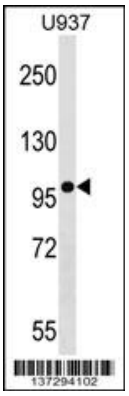
Background

GTPase-activating protein for the ADP ribosylation factor family (Potential). GTPase which may be involved in the degradation of expanded polyglutamine proteins through the ubiquitin-proteasome pathway.

References

Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)
Qin, Q., et al. J. Cell Biol. 172(4):497-504(2006)
Meurer, S., et al. J. Biol. Chem. 279(47):49346-49354(2004)
Surks, H.K., et al. J. Biol. Chem. 278(51):51484-51493(2003)
Xia, C., et al. Mol. Cell. Biol. 23(7):2476-2488(2003)

Images



AGAP3 Antibody (N-term) (Cat. #AP17355a) western blot analysis in U937 cell line lysates (35ug/lane).This demonstrates the AGAP3 antibody detected the AGAP3 protein (arrow).