

Product datasheet for **AM09031PU-N**

Rab5 (RAB5A) Mouse Monoclonal Antibody [Clone ID: 3A4]

Product data:

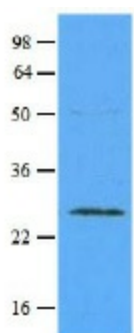
Product Type:	Primary Antibodies
Clone Name:	3A4
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot (1/500-1/2,000).
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant human Rab5a (1-215 aa) purified from E. coli
Specificity:	The antibody recognizes Human and Mouse RAB5A. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RAB5A, member RAS oncogene family
Database Link:	Entrez Gene 5868 Human P20339
Background:	Rab5a is a member of the RAS oncogene family. Rab5a is a small GTPase localized to the plasma membrane and early endosomes. It is a crucial regulatory component of the endocytic pathway. Activation of Rab5a is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex.



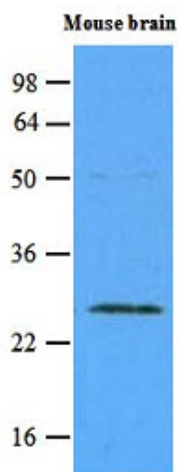
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Synonyms: Rab-5A

Product images:



The extracts of mouse brain (45ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Rab5a (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis on Mouse brain: The extracts of mouse brain (45 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Rab5a (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.