

Product Name: Rab5 Rabbit Monoclonal Antibody
Catalog #: AMRe04106



Summary

Production Name	Rab5 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	RAB5A
Alternative Names	RAB5A; RAB5; RAS associated protein RAB5A; Ras related protein Rab 5A
Gene ID	5868
SwissProt ID	P20339.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 24 kDa; Observed MW: 24 kDa

Background

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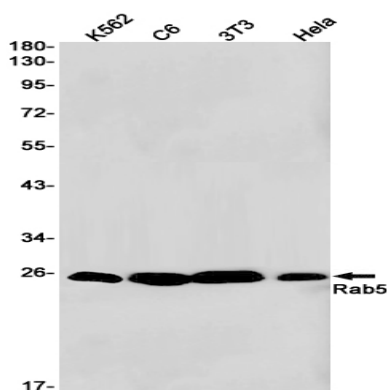


Rab5 is a member of the Ras superfamily of small Rab GTPases. Rab5 is localized at the plasma membrane and early endosomes and functions as a key regulator of vesicular trafficking during early endocytosis (1). The conformational change between Rab5 GTP/GDP states is essential for its biological function as a rate limiting regulator at multiple steps during endocytosis.

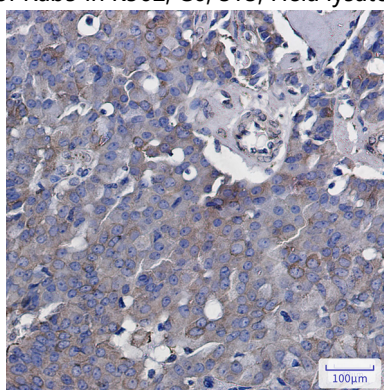
Research Area

Neuroscience

Image Data



Western blot analysis of Rab5 in K562, C6, 3T3, HeLa lysates using Rab5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Rab5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.