

Anti-RAP1A antibody

Cat. No.	ml220263
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-RAP1A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Full length fusion protein
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	RAP1A
Full name	RAP1A, member of RAS oncogene family

Synonyms RAP1; C21KG; G-22K; KREV1; KREV-1; SMGP21

Swissprot P62834

Target Background

This gene encodes a member of the Ras family of small GTPases. The encoded protein undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of the encoded protein is therefore affected by the balance of intracellular levels of GEFs and GAPs.

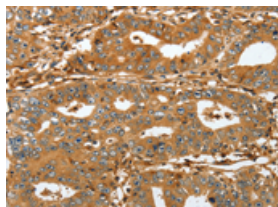
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human gastric cancer

Recommended dilution: 50-200

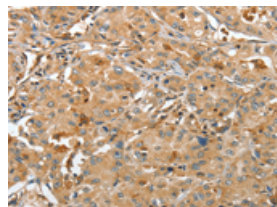


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml220263(RAP1A Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml220263(RAP1A Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 21 kDa

Positive control: Mouse brain tissue and A431 cell

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

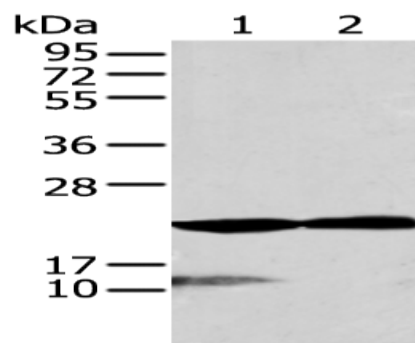
Lysate: 40 µg

Lane 1-2: Mouse brain tissue and A431 cell

Primary antibody: ml220263(RAP1A Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 2000-5000

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