

Product Name: B Raf (9L5) Rabbit Monoclonal Antibody
Catalog #: AMRe07396



Summary

Production Name	B Raf (9L5) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
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	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	BRAF
Alternative Names	B-RAF; p94; NS7; B-Raf proto-oncogene serine/threonine-protein kinase;BRAF;BRAF1;
Gene ID	673.0
SwissProt ID	P15056.

Application

Dilution Ratio	WB 1:500-1:2000
Molecular Weight	84kDa

Background

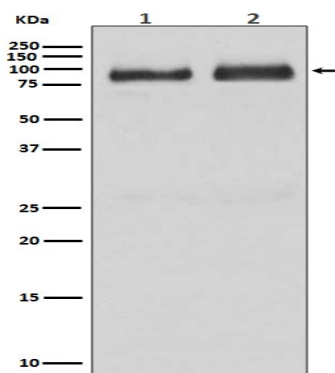
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Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Frequently mutated in thyroid cancers, skin melanomas and at lower frequency in a wide range of human cancers. An activating mutation, mimicking phosphorylation of the activation loop, is seen in 60% of malignant melanoma samples. Raf mutations are generally exclusive to Ras activating mutations. Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway (PubMed:[21441910](http://www.uniprot.org/citations/21441910), PubMed:[29433126](http://www.uniprot.org/citations/29433126)). May play a role in the postsynaptic responses of hippocampal neurons (PubMed:[1508179](http://www.uniprot.org/citations/1508179)).

Research Area

Image Data



Western blot analysis of B Raf expression in (1) Human brain lysate (2) HepG2 cell lysate.

Note

For research use only.