

# BRAF Rabbit mAb

Catalog # AP78602

## Product Information

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<b>Application</b>	WB, IHC-P, FC, IP
<b>Primary Accession</b>	<a href="#">P15056</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human B Raf
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	84437

## Additional Information

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<b>Gene ID</b>	673
<b>Other Names</b>	BRAF
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A FC~~1:10~50 IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	BRAF ( <a href="#">HGNC:1097</a> )
<b>Synonyms</b>	BRAF1, RAFB1
<b>Function</b>	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: <a href="#">21441910</a> , PubMed: <a href="#">29433126</a> ). Phosphorylates PFKFB2 (PubMed: <a href="#">36402789</a> ). May play a role in the postsynaptic responses of hippocampal neurons (PubMed: <a href="#">1508179</a> ).
<b>Cellular Location</b>	Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
<b>Tissue Location</b>	Brain and testis.

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