

BRAF

Rabbit Monoclonal antibody(Mab)

Catalog # AD80416

Product Information

Application	IHC-P
Primary Accession	P15056
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	135K5D1
Calculated MW	84437

Additional Information

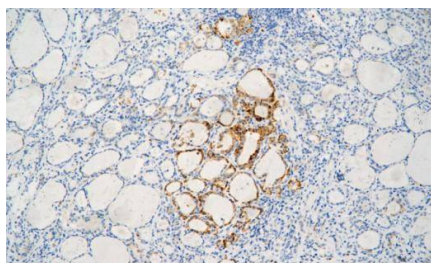
Gene ID	673
Gene Name	BRAF
Other Names	Serine/threonine-protein kinase B-raf, 2.7.11.1, Proto-oncogene B-Raf, p94, v-Raf murine sarcoma viral oncogene homolog B1, BRAF (HGNC:1097), BRAF1, RAFB1
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	BRAF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

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

Images

Immunohistochemical analysis of formalin-fixed and



paraffin-embedded human capillary thyroid carcinoma tissue was performed with BRAF primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.