10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

A-Raf Rabbit mAb

Catalog # AP76374

Product Information

Application	WB, IHC-P, FC
Primary Accession	P10398
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	67585

Additional Information

Gene ID	369
Other Names	ARAF
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

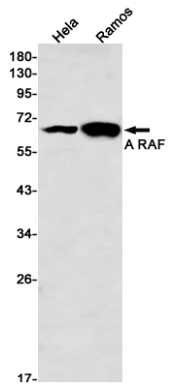
Protein Information

Name	ARAF
Synonyms	ARAF1, PKS, PKS2
Function	Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May also regulate the TOR signaling cascade. Phosphorylates PFKFB2 (PubMed:36402789).
Tissue Location	Predominantly in urogenital tissues.

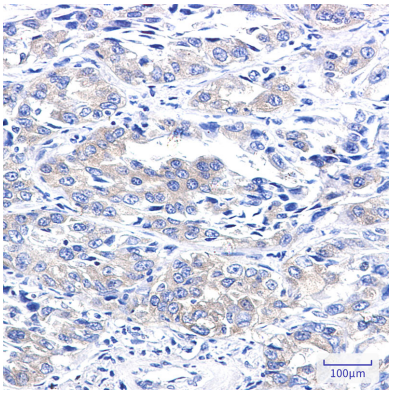
Background

Enables protein serine/threonine kinase activity. Involved in negative regulation of apoptotic process; regulation of TOR signaling; and regulation of cellular protein metabolic process. Predicted to be active in cytosol and mitochondrion. Biomarker of high grade glioma.

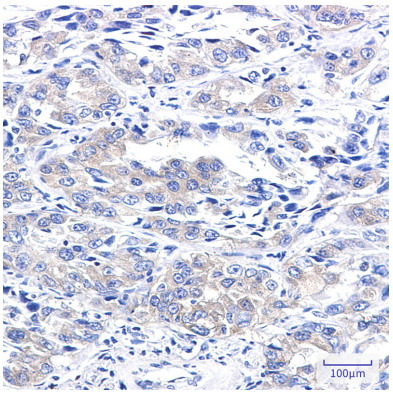
Images

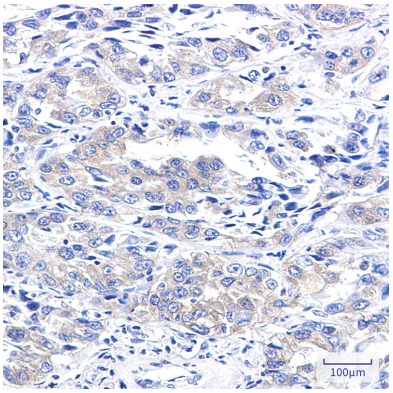


Western blot analysis of A RAF in Hela, Ramos lysates using A RAF antibody.



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





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