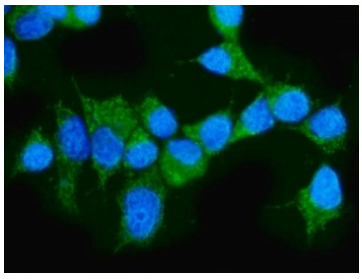
ARAF Antibody / A-Raf (RQ4970)

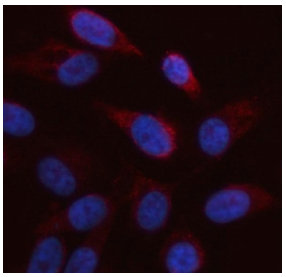
Catalog No.	Formulation	Size
RQ4970	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

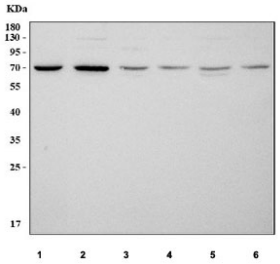
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P10398
Localization	Cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ARAF antibody is available for research use only.



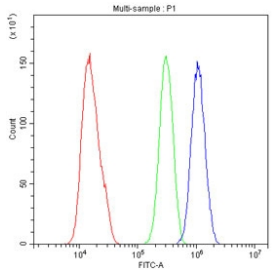
Immunofluorescent staining of FFPE human MCF7 cells with ARAF antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE human PC-3 cells with ARAF antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human MCF7, 3) rat testis, 4) rat brain, 5) mouse testis and 6) mouse brain tissue lysate with ARAF antibody. Predicted molecular weight ~67 kDa.



Flow cytometry testing of human SiHa cells with ARAF antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ARAF antibody.

Description

Serine/threonine-protein kinase A-Raf or simply A-Raf is an enzyme that in humans is encoded by the ARAF gene. It is mapped to Xp11.3. This proto-oncogene belongs to the RAF subfamily of the Ser/Thr protein kinase family, and maybe involved in cell growth and development. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A-Raf is a member of the Raf kinase family of serine/threonine-specific protein kinases.

Application Notes

Optimal dilution of the ARAF antibody should be determined by the researcher.

Immunogen

Amino acids E309-T413 from the human protein were used as the immunogen for the ARAF antibody.

Storage

Store the ARAF antibody at -20oC.

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