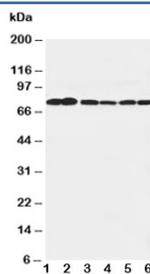


B Raf Antibody (BRAF) (R30946)

Catalog No.	Formulation	Size
R30946	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	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P15056
Applications	Western Blot : 0.5-1ug/ml
Limitations	This B Raf antibody is available for research use only.



Western blot testing of B Raf antibody and Lane 1: rat brain; 2: rat testis; 3: rat liver; 4: (h) SW620; 5: (h) COLO320; 6: (r) PC-12 cell lysate. Predicted molecular weight: 85-95 kDa.

Description

BRAF (v-raf murine sarcoma viral oncogene homolog B1) is a human gene that makes a serine/threonine-protein kinase called B Raf, also known as RAFB1. Northern blot analysis detected transcripts of 10 and 13 kb in cerebrum, fetal brain, and placenta and transcripts of 2.6 and 4.5 kb in testis. Testis also showed lower expression of the 10- and 13-kb transcripts. B Raf is a member of the Raf kinase family of serine/threonine-specific protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion.

Application Notes

The stated application concentrations are suggested starting points. Titration of the B Raf antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 344-362 (QPFRPADEDHRNQFGQRDR) were used as the immunogen for this B Raf antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the B Raf antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.