

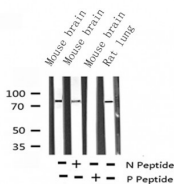
## Phospho-B-RAF (Thr599) Ab

Cat.#: AF3170  
 Size: 100ul,200ul

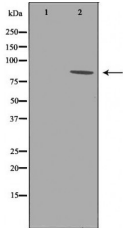
Concn.: 1mg/ml  
 Source: Rabbit

Mol.Wt.: 85kDa  
 Clonality: Polyclonal

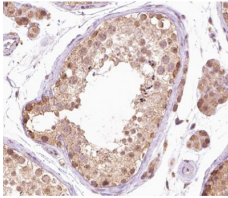
Application:	IHC 1:50-1:200 WB 1:500-2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-B-RAF (Thr599) Ab detects endogenous levels of B-RAF only when phosphorylated at Threonine 599.
Immunogen:	A synthesized peptide derived from human B-RAF around the phosphorylation site of Threonine 599.
Uniprot:	P15056
Description:	B-Raf is a tyrosine kinase-like kinase of the RAF family. Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron.
Subcellular Location:	Nucleus. Cytoplasm. Cell membrane. Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
Tissue Specificity:	Brain and testis.
Similarity:	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. RAF subfamily.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of Phospho-B-RAF (Thr599) expression in various lysates



Western blot analysis of B-RAF phosphorylation expression in HeLa whole cell lysates. The lane on the left was treated with the antigen-specific peptide.



AF3170 at 1/200 staining human testis tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22° C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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