



B-RAF (Phospho-Ser446) Antibody

E11-8082A

Catalog Number: E11-8082A

Concentration: 1mg/ml

Swiss-Prot No.: P15056

Other Names: B-RAF; B-RAF proto-oncogene
serine/threonine-protein kinase; B-Raf proto-oncogene
serine/threonine-protein kinase; BRAF; BRAF1; c-RMIL;
EC 2.7.1.37; EC 2.7.11.1; kinase B-Raf; p94; RAFB1;
RMIL; RMIL serine/threonine-protein kinase; v-Raf murine
sarcoma viral oncogene homolog B1

All Sites: Human: Ser446; Mouse: Ser483

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human B-RAF around the phosphorylation site of serine 446 (R-D-S^P-S-D).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

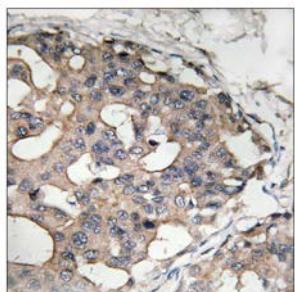
Specificity: B-RAF (Phospho-Ser446) antibody detects endogenous levels of B-RAF only when phosphorylated at serine 446.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

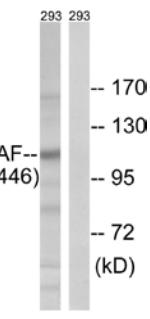
References:

Stephens R.M., Mol. Cell. Biol. 12:3733-3742(1992).
Albert S., Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., Nature 424:157-164(2003).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using B-RAF (Phospho-Ser446) antibody.



Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using B-RAF (Phospho-Ser446) antibody.