

B-RAF Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP7810a**Specification****B-RAF Antibody (N-term) Blocking peptide -
Product Information**Primary Accession [P15056](#)**B-RAF Antibody (N-term) Blocking peptide -
Additional Information**

Gene ID 673

Other NamesSerine/threonine-protein kinase B-raf,
Proto-oncogene B-Raf, p94, v-Raf murine
sarcoma viral oncogene homolog B1, BRAF,
BRAF1, RAFB1**Target/Specificity**The synthetic peptide sequence is selected
from aa 65~80 of human BRAF.**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**B-RAF Antibody (N-term) Blocking peptide -
Protein Information**Name BRAF ([HGNC:1097](#))

Synonyms BRAF1, RAFB1

FunctionProtein kinase involved in the transduction
of mitogenic signals from the cell**B-RAF Antibody (N-term) Blocking peptide
- Background**BRAF, a member of the RAF subfamily of
Ser/Thr protein kinases, is involved in the
transduction of mitogenic signals from the cell
membrane to the nucleus. It may play a role in
the postsynaptic responses of hippocampal
neuron. This cytoplasmic protein is expressed
in brain and testis. Defects in BRAF are
involved in a wide range of cancers including
lung cancer and non-Hodgkin lymphoma (NHL).
This protein contains 1 zinc-dependent
phorbol-ester and DAG binding domain.**B-RAF Antibody (N-term) Blocking peptide
- References**Hingorani, S.R., et al., Cancer Res.
63(17):5198-5202 (2003). Lee, J.W., et al., Br. J.
Cancer 89(10):1958-1960 (2003). Davies, H., et
al., Nature 417(6892):949-954 (2002). Naoki,
K., et al., Cancer Res. 62(23):7001-7003
(2002). Stephens, R.M., et al., Mol. Cell. Biol.
12(9):3733-3742 (1992).

membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway (PubMed:21441910, PubMed:29433126). May play a role in the postsynaptic responses of hippocampal neurons (PubMed:1508179).

Cellular Location

Nucleus. Cytoplasm. Cell membrane.
Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.

Tissue Location

Brain and testis.

**B-RAF Antibody (N-term) Blocking peptide
- Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)