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BRAF / B-Raf Antibody (phospho-Thr598/Ser601)

Rabbit Polyclonal Antibody
Catalog # ALS11819

Specification

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Product Information

Application	**ICC, IHC**
Primary Accession	P15056
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**84kDa KDa**

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Additional Information

Gene ID 673

Other Names
Serine/threonine-protein kinase B-raf, 2.7.11.1, Proto-oncogene B-Raf, p94, v-Raf murine sarcoma viral oncogene homolog B1, BRAF, BRAF1, RAFB1

Target/Specificity
Modified peptide

Reconstitution & Storage
Aliquot and store at -20°C. Minimize freezing and thawing.

Precautions
BRAF / B-Raf Antibody (phospho-Thr598/Ser601) is for research use only and not for use in diagnostic or therapeutic procedures.

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Protein Information

Name BRAF (HGNC:1097)

Synonyms BRAF1, RAFB1

Function
Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway (PubMed:21441910, PubMed:29433126). Phosphorylates PFKFB2 (PubMed:36402789). 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.

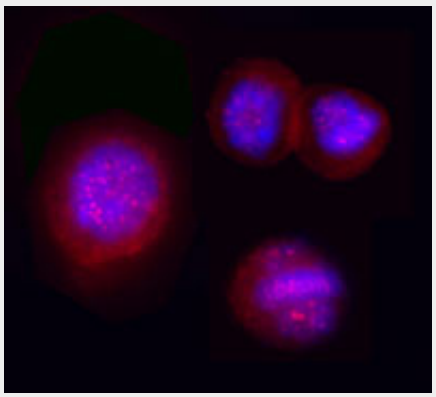
Volume
50 µl

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Protocols

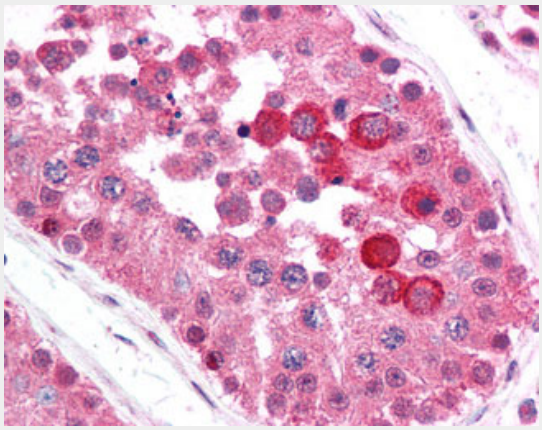
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Images



Overnight nocodazole treated Hela cells stained with purified rabbit polyclonal antibody against...



Anti-BRAF antibody IHC of human testis.

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BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - Background

Protein kinase 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. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.

BRAF / B-Raf Antibody (phospho-Thr598/Ser601) - References

Stephens R.M.,et al.Mol. Cell. Biol. 12:3733-3742(1992).
Albert S.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Scherer S.W.,et al.Science 300:767-772(2003).
Hillier L.W.,et al.Nature 424:157-164(2003).
Eychene A.,et al.Oncogene 7:1657-1660(1992).