## Phospho-B-Raf-S728 Rabbit pAb

## Basic Information

Observed MW
86kDa
Calculated MW
84kDa
Category
Primary antibody

## Applications

ELISA,WB

Cross-Reactivity
Human

## Recommended Dilutions

WB 1:500-1:2000

## Background

This gene encodes a protein belonging to the RAF family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERK signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene, most commonly the V600E mutation, are the most frequently identified cancer-causing mutations in melanoma, and have been identified in various other cancers as well, including non-Hodgkin lymphoma, colorectal cancer, thyroid carcinoma, non-small cell lung carcinoma, hairy cell leukemia and adenocarcinoma of lung. Mutations in this gene are also associated with cardiofaciocutaneous, Noonan, and Costello syndromes, which exhibit overlapping phenotypes. A pseudogene of this gene has been identified on the X chromosome.

## Immunogen Information

| Gene ID | Swiss Prot |
| :--- | :--- |
| 673 | P15056 |

## Immunogen

A synthetic phosphorylated peptide around S728 of human BRAF (NP_004324.2).

## Synonyms

NS7; B-raf; BRAF1; RAFB1; B-RAF1; BRAF-1; Phospho-B-Raf-S728

## Contact

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## Product Information

| Source | Isotype | Purification |
| :--- | :--- | :--- |
| Rabbit | $\operatorname{lgG}$ | Affinity purification |

## Storage

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.
Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol,pH7.3.


Western blot analysis of extracts of various cell lines, using Phospho-B-Raf-S728 antibody (AP0576) Secondary antibody: HRP Goat Anti-Rabbit $\lg \mathrm{G}(\mathrm{H}+\mathrm{L})(\mathrm{ASO14})$ at 1:10000 dilution.
Lysates/proteins: $25 \mu \mathrm{~g}$ per lane.
Blocking buffer: 3\% BSA.

