

A0038

Leader in Biomolecular Solutions for Life Science



# B-Raf Rabbit pAb

Catalog No.: A0038

## Basic Information

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### Observed MW

85kDa

### Calculated MW

84kDa

### Category

Polyclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human

## Background

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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.

## Recommended Dilutions

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WB 1:100 - 1:500

## Immunogen Information

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### Gene ID

673

### Swiss Prot

P15056

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 280-460 of human B-Raf (NP\_004324.2).

### Synonyms

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

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.