

## Anti-Phospho-BRAF (Ser446) Polyclonal Antibody

## Product Details

|                   |   |
|-------------------|---|
| Ig Type:          | IgG   |
| Reactivity:       | Human,Mouse   |
| Conjugation:      | Unconjugated  |
| Molecular Weight: | Actual: 110 kDa.  |
| Purification:     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

## Applications

|              |  |
|--------------|--|
| Application: | ELISA,IF,IHC-P,WB                                |
| Recommended  | WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:10000 |

## Properties

|                      |   |
|----------------------|---|
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.   |

## Antigen Details

|                  |   |
|------------------|---|
| Immunogen:       | A synthesized phosphopeptide: human B-RAF around the phosphorylation site of Ser446. AA range:411-460 |
| Antigen Species: | Human   |
| Uniprot ID:      | P15056  |
| Synonyms:        | p-BRAF (S446);BRAF (p-S446);p-BRAF (Ser446);BRAF (p-Ser446)   |

## Research Background

B-Raf proto-oncogene, serine/threonine kinase(BRAF) Homo sapiens This gene encodes a protein belonging to the raf/mil family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene are associated with cardiofaciocutaneous syndrome, a disease characterized by heart defects, mental retardation and a distinctive facial appearance. Mutations in this gene have also been associated with various cancers, including non-Hodgkin lymphoma, colorectal cancer, malignant melanoma, thyroid carcinoma, non-small cell lung carcinoma, and adenocarcinoma of lung. A pseudogene, which is located on chromosome X, has been identified for this gene. [provided by RefSeq, Jul 2008],

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