

**bs-5232R****[ Primary Antibody ]****phospho-BRAF (Ser446) Rabbit pAb****BioSS**  
**ANTIBODIES**

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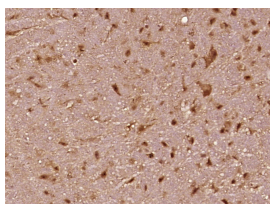
sales@bioss.com.cn

techsupport@bioss.com.cn

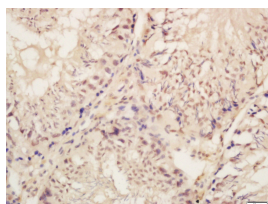
400-901-9800

**— DATASHEET —**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>IHC-P</b> (1:100-500)<br><b>IHC-F</b> (1:100-500)<br><b>IF</b> (1:100-500) |
| <b>Clonality:</b> Polyclonal  |                      |  |
| <b>GeneID:</b> 673  | <b>SWISS:</b> P15056 |  |
| <b>Target:</b> BRAF (Ser446)  |                      | <b>Reactivity:</b> Mouse, Rat<br>(predicted: Human, Rabbit,<br>Pig, Cow, Chicken, Dog,<br>Horse)   |
| <b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human BRAF around the phosphorylation site of Ser446: RD(p-S)SD.   |                      | <b>Predicted MW.:</b> 94 kDa   |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus                                     |
| <b>Concentration:</b> 1mg/ml  |                      |  |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |  |
| <b>Background:</b> 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. [provided by RefSeq, Aug 2017] |                      |  |

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (phospho-B-Raf (Ser446)) Polyclonal Antibody, Unconjugated (bs-5232R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat testis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-B-Raf (Ser446) Polyclonal Antibody, Unconjugated(bs-5232R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining