bs-5232R

[Primary Antibody]

phospho-BRAF (Ser446) Rabbit pAb



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IHC-F (1:100-500)

(predicted: Human, Rabbit, Pig, Cow, Chicken, Dog,

IF (1:100-500)

Subcellular Cell membrane, Cytoplasm

Applications: IHC-P (1:100-500)

Reactivity: Mouse, Rat

Predicted 94 kDa

Location: , Nucleus

MW.:

Horse)

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 673 **SWISS:** P15056

Target: BRAF (Ser446)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

BRAF around the phosphorylation site of Ser446: RD(p-S)SD.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

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

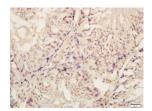
been identified on the X chromosome. [provided by RefSeq, Aug

VALIDATION IMAGES

2017]



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 paraffinembedded; 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

— SELECTED CITATIONS –

• [IF=3.1] Zhou Shunhua. et al. Atractylenolide III as a novel therapeutic strategy for gastric ulcer: mechanistic insights and investigation of molecular targets. N-S ARCH PHARMACOL. 2025 Jul;:1-18 IF; Rat. 40728671