bs-12556R

[Primary Antibody]

BIOSS ANTIBODIES

phospho-BRAF (Thr598 + Ser601) Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 673 **SWISS:** P15056

Target: BRAF (Thr598 + Ser601)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

BRAF around the phosphorylation site of Thr446 + Ser601: LA(p-

T)VK(p-S)RW.

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

2017]

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

IHC-F (1:100-500) IF (1:100-500)

Reactivity: Rat (predicted: Human,

Mouse, Pig, Sheep, Cow,

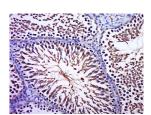
Chicken, Dog)

Predicted MW.: 94 kDa

Subcellular Cell membrane ,Cytoplasm

Location: , Nucleus

VALIDATION IMAGES -



Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (Thr598 + Ser601); B Raf) Polyclonal Antibody, Unconjugated (bs-12556R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat 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; B Raf) Polyclonal Antibody, Unconjugated (bs-12556R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.