

bs-5582R**[Primary Antibody]****phospho-PIK3R2 (Tyr467) Rabbit pAb****Bioss**
ANTIBODIES

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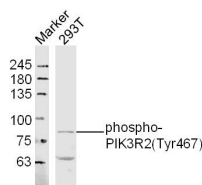
sales@bioss.com.cn

techsupport@bioss.com.cn

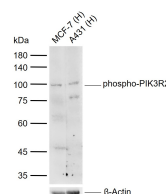
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DATASHEET

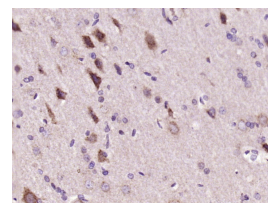
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Cow, Dog, Horse) Predicted MW.: 82 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 5296	SWISS: O00459	
Target: PIK3R2 (Tyr467)		
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PIK3R2 around the phosphorylation site of Tyr467: EE(P-Y)TR.		
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: Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Dec 2012]		

VALIDATION IMAGES

Sample: 293T Cell (Human) Lysate at 40 ug
Primary: Anti-phospho-PIK3R2(Tyr467)
(bs-5582R) at 1/300 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 82 kD Observed
band size: 82 kD



Sample: Lane 1: Human MCF-7 cell lysates Lane
2: Human A431 cell lysates Primary: Anti-
phospho-PIK3R2 (Tyr467) (bs-5582R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 82 kDa Observed band size: 100 kDa



Paraformaldehyde-fixed, paraffin embedded (rat
brain tissue); 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 (PIK3R2 (Tyr467)) Polyclonal
Antibody, Unconjugated (bs-5582R) at 1:400
overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.

SELECTED CITATIONS

- **[IF=3.943]** Le Tian. et al. Luteolin as an adjuvant effectively enhances CTL anti-tumor response in B16F10 mouse model. Int Immunopharmacol. 2021 May;94:107441 WB ;Mouse. 33611060