

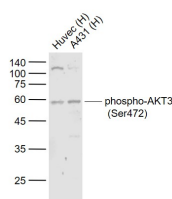
bs-5209R**[Primary Antibody]****phospho-AKT3 (Ser472) Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

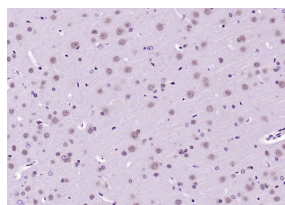
sales@bioss.com.cn

techsupport@bioss.com.cn

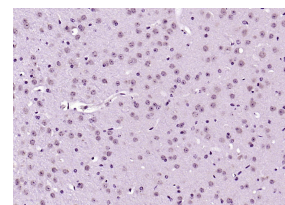
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**SWISS:** Q9Y243**Target:** AKT3 (Ser472)**Immunogen:** KLH conjugated Synthesised phosphopeptide derived from human AKT3 around the phosphorylation site of Ser472: QF(p-S)YS.**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.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog)**Predicted MW.:** 56 kDa**— VALIDATION IMAGES —**

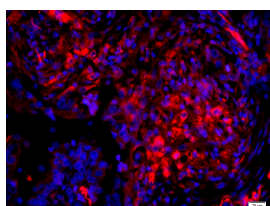
Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug
Lane 2: A431 (Human) Cell Lysate at 30 ug
Primary: Anti-phospho-AKT3 (Ser472) (bs-5209R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60 kD
Observed band size: 58 kD



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-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (bs-5209R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (bs-5209R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-phospho-AKT3(Ser472) Polyclonal Antibody, Unconjugated(bs-5209R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated (bs-0295G-Cy3) used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml, blue, C-0033) was used to stain the cell nuclei

— SELECTED CITATIONS —

- **[IF=5.656]** Hung YY et al. Deficiency in Androgen Receptor Aggravates the Depressive-Like Behaviors in Chronic Mild Stress Model of Depression. *Cells*. 2019 Sep 2;8(9). pii: E1021. IHC ;Mouse. 31480771
- **[IF=5.6]** Chunyu Qin. et al. miR-129 Regulates Yak Intramuscular Preadipocyte Proliferation and Differentiation through the PI3K/AKT Pathway. *INT J MOL SCI*. 2024 Jan;25(1):632 WB ;Bovine. 38203803
- **[IF=2.895]** Wang K et al. Neat1-miRNA204-5p-PI3K-AKT axis as a potential mechanism for Photodynamic Therapy treated Colitis in Mice. (2018) *Photodiagnosis Photodyn Ther*. Oct 29. WB ;Mouse. 30385297