

**bs-2056R****[ Primary Antibody ]**

**Bioss**  
ANTIBODIES

www.bioss.com.cn

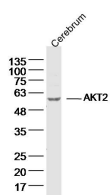
sales@bioss.com.cn

techsupport@bioss.com.cn

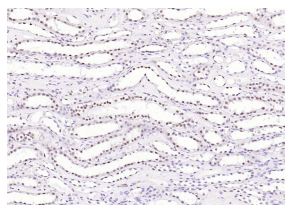
400-901-9800

**AKT2 Rabbit pAb****— DATASHEET —**

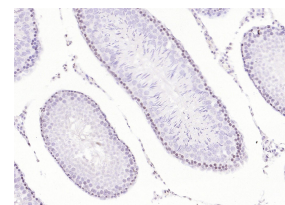
<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 208 <b>Target:</b> AKT2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human AKT2: 101-200/481. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. Overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins. [provided by RefSeq, Jul 2008]	<b>Isotype:</b> IgG <b>SWISS:</b> P31751	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 56 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus
---	---	---

**— VALIDATION IMAGES —**

Sample:Cerebrum (mouse) Lysate at 40 ug  
 Primary: Anti- AKT2(bs-2056R)at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 56kD  
 Observed band size: 56kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (AKT2 ) Polyclonal Antibody, Unconjugated (bs-2056R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



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 (AKT2 ) Polyclonal Antibody, Unconjugated (bs-2056R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.682]** Deng Yang-lin. et al. Prescription of Sageretia hamosa Brongn Relieved Goiter through Promoted Apoptosis of Thyroid Cells via miR-511-3p and PTEN/PI3K/Akt Pathway. J Healthc Eng. 2021;2021:3506559 WB ;Rat,Human. 34630982
- **[IF=1.813]** Huang Xiao-shuang. et al. Mechanism of Action of Acupotomy in Inhibiting Chondrocyte Apoptosis in Rabbits with KOA through the PI3K/Akt Signaling Pathway. Evid-Based Compl Alt. 2020;2020:4241917 WB ;Rabbit. 33224251
- **[IF=1.3]** Zhilan Hu. et al. Effects of asiaticoside on the model of gestational diabetes mellitus in HTR-8/svneo cells via

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

