

bs-15963R**[Primary Antibody]****phospho-AKT3 (Tyr473) Rabbit pAb****Bioss**
ANTIBODIES

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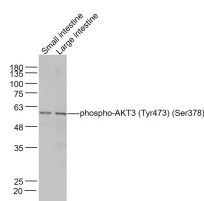
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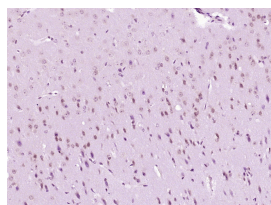
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**SWISS:** Q9Y243**Target:** AKT3 (Tyr473)**Immunogen:** KLH conjugated synthesised phosphopeptide derived from human AKT3 around the phosphorylation site of Tyr473: FS(p-Y)SA.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

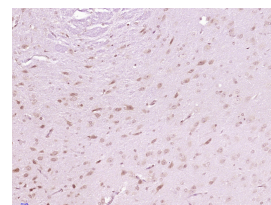
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Applications: WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (2ug/Test)**ICC/IF** (1:25)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 57 kDa**— VALIDATION IMAGES —**

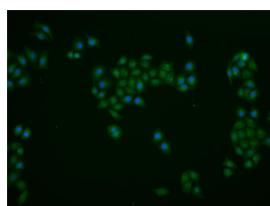
Sample: Small intestine (Mouse) Lysate at 40 ug
Large intestine (Mouse) Lysate at 40 ug Primary:
Anti-phospho-AKT3 (Tyr473) (bs-15963R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 57 kD Observed band size: 57 kD



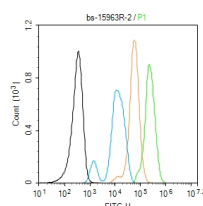
Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (phospho-AKT3 (Tyr473))
Polyclonal Antibody, Unconjugated (bs-15963R)
at 1:400 overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions 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-AKT3 (Tyr473))
Polyclonal Antibody, Unconjugated (bs-15963R)
at 1:400 overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton
X-100 at room temperature for 20 min; Blocking
buffer (normal goat serum, C-0005) at 37°C for 20
min; Antibody incubation with (phospho-AKT3
(Tyr473)) polyclonal Antibody, Unconjugated
(bs-15963R) 1:25, 90 minutes at 37°C; followed
by a conjugated Goat Anti-Rabbit IgG antibody
at 37°C for 90 minutes, DAPI (blue, C02-04002)
was used to stain the cell nuclei.



Blank control (black line) :Hela. Primary
Antibody (green line): Rabbit Anti-phospho-AKT3
(Tyr473) antibody (bs-15963R) Dilution:2ug/Test;
Secondary Antibody (white blue line) : Goat
anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype
control (orange line) : Normal Rabbit IgG
Protocol The cells were fixed with 4% PFA
(10min at room temperature) and then
permeabilized with 90% ice-cold methanol for
20 min at -20°C, The cells were then incubated in
5%BSA to block non-specific protein-protein
interactions for 30 min at room temperature
.Cells stained with Primary Antibody for 30 min
at room temperature. The secondary antibody

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

used for 40 min at room temperature.
Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.8]** Liangqi Xie. et al. Effect and mechanism of Jinkui Shenqi Pill on preventing neural tube defects in mice based on network pharmacology. J ETHNOPHARMACOL. 2024 Nov;334:118587 WB ;Mouse. 39025160
- **[IF=3.611]** Dingyang Liet al. Circular RNA CDR1as Exerts Oncogenic Properties Partially through Regulating MicroRNA 641 in Cholangiocarcinoma. Mol Cell Biol . 2020 Jul 14;40(15):e00042-20. IHC ;mouse. 32423991