

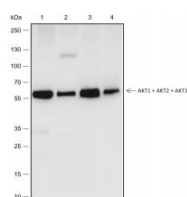
**bsm-60702R****[ Primary Antibody ]****Bioss**  
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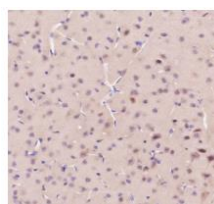
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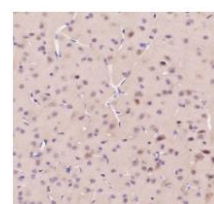
400-901-9800

**AKT1 / AKT2 / AKT3 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** R2A4**GeneID:** 208**SWISS:** P31751**Target:** AKT1 / AKT2 / AKT3**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 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]**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:200-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted**  
**MW.:** 56 kDa**Subcellular** Cell membrane ,Cytoplasm  
**Location:** ,Nucleus**— VALIDATION IMAGES —**

Blocking buffer: 5% NFDM/TBST Primary Ab  
dilution: 1:2000 Primary Ab incubation  
condition: 2 hours at room temperature  
Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)  
Lysate: 1: MCF-7, 2: HeLa, 3: Mouse brain, 4: Rat  
brain Protein loading quantity: 20 µg Exposure  
time: 60 s Predicted MW: 56 kDa Observed MW:  
56 kDa



Tissue: Rat cerebrum Section type: Formalin-  
fixed & Paraffin embedded section Retrieval  
method: High temperature and high pressure  
Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary  
Ab dilution: 1:1000 Primary Ab incubation  
condition: 1 hour at room temperature  
Secondary Ab: Anti-Rabbit and Mouse Polymer  
HRP (Ready to use) Counter stain: Hematoxylin  
(Blue) Comment: Color brown is the positive  
signal for bsm-60702R



Tissue: Mouse cerebrum Section type: Formalin-  
fixed & Paraffin embedded section Retrieval  
method: High temperature and high pressure  
Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary  
Ab dilution: 1:1000 Primary Ab incubation  
condition: 1 hour at room temperature  
Secondary Ab: Anti-Rabbit and Mouse Polymer  
HRP (Ready to use) Counter stain: Hematoxylin  
(Blue) Comment: Color brown is the positive  
signal for bsm-60702R