

AKT1 / AKT2 / AKT3 Recombinant Rabbit mAb

Catalog Number: bsm-60670R

Target Protein: AKT1 / AKT2 / AKT3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: R3F4

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:50-100), IF (1:100-500)

Reactivity: Human, Mouse, Rat

Predicted MW: 56 kDa

Subcellular Cell membrane ,Cytoplasm ,Nucleus

Locations:

Entrez Gene: 208

Swiss Prot: P31751

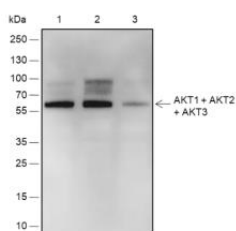
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

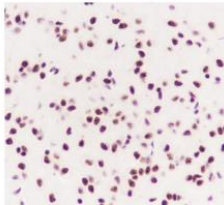
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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]

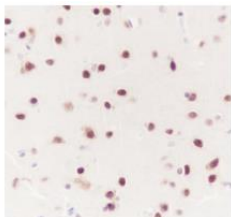
VALIDATION IMAGES



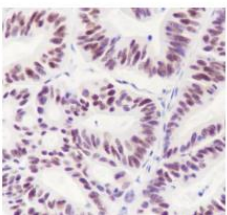
Blocking buffer: 5% NFDm/TBST Primary Ab dilution: 1:1000 Primary Ab incubation condition: 2 hours at room temperature Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: 1: MCF7, 2: HeLa, 3: A549 Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 56 kDa Observed MW: 56 kDa



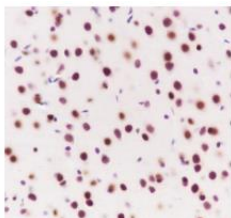
Tissue: Mouse cerebrum Section type: Formalin-fixed & Paraffin embedded section Retrieval method: High temperature and high pressure Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary Ab dilution: 1:100 Primary Ab incubation condition: 1 hour at room temperature Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use) Counter stain: Hematoxylin (Blue) Comment: Color brown is the positive signal for bsm-60670R



Tissue: Human 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: 1:100 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-60670R



Tissue: Human colon carcinoma 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: 1:100 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-60670R



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: 1:100 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-60670R