

AKT1S1 antibody

Catalog No: #38768

Package Size: #38768-1 50ul #38768-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

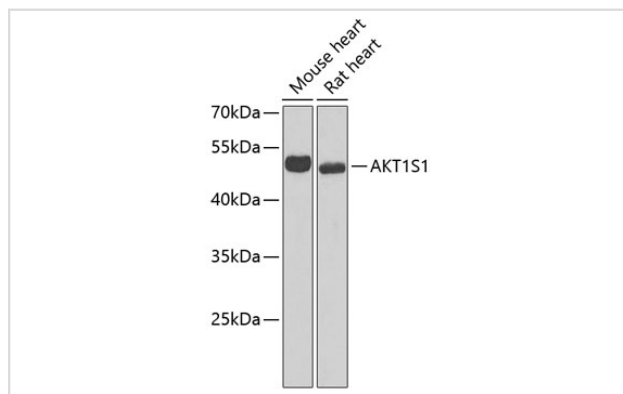
Description

Product Name	AKT1S1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total AKT1S1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AKT1S1.
Conjugates	Unconjugated
Target Name	AKT1S1
Other Names	Lobe; PRAS40;
Accession No.	Swiss-Prot#: Q96B36NCBI Gene ID: 84335
SDS-PAGE MW	27kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

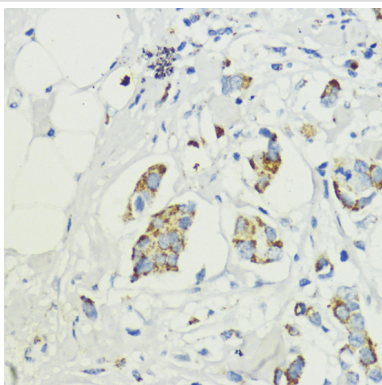
Application Details

Western blotting: □1:500 - 1:2000

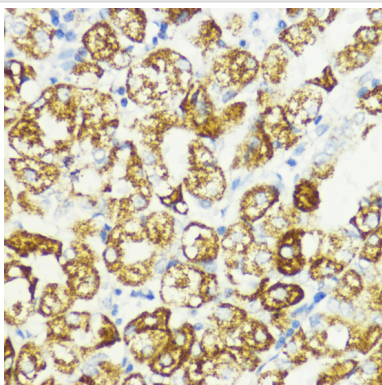
Images



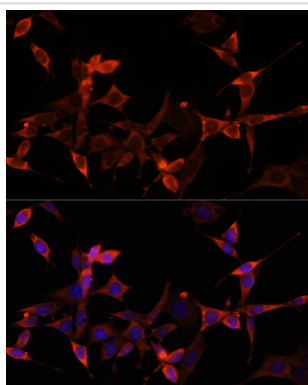
Western blot analysis of extracts of various cell lines, using AKT1S1 antibody at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human mammary cancer using AKT1S1 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using AKT1S1 antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using AKT1S1 Polyclonal antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Background

AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.