

# AKT1S1 Polyclonal Antibody

Catalog Number:E-AB-67741

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

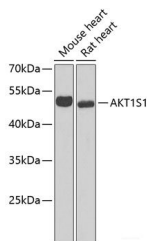
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human AKT1S1 (NP_115751.3).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

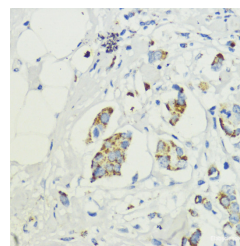
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100
<b>IF</b>	1:50-1:100

## Data

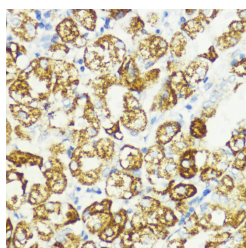


Western blot analysis of extracts of various cell lines using AKT1S1 Polyclonal Antibody at dilution of 1:1000.

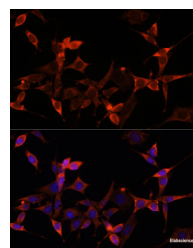
**Observed Mw:50kDa**  
**Calculated Mw:13kDa/27kDa/29kDa**



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



Immunohistochemistry of paraffin-embedded Human stomach using AKT1S1 Polyclonal 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.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

## For Research Use Only

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Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

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AKT1S1 (AKT1 Substrate 1) is a Protein Coding gene. Diseases associated with AKT1S1 include Localized Pulmonary Fibrosis and Tuberous Sclerosis 1. Among its related pathways are RET signaling and Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins.

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