



SunLong Biotech Co.,LTD

Tel: 0086-571-56623320 Fax:0086-571-56623318

E-mail:info@sunlongmedical.com

www.sunlongmedical.com

Rabbit Anti-phospho-AKT1 (Ser473) antibody

Cat:SL12456R

Alisas:p-AKT1 (phospho S473);phospho-AKT1(Ser473); AKT1 (phospho S473); Akt (pS472/pS473); AKT 1; AKT; AKT1; AKT1_HUMAN; C AKT; cAKT; MGC9965; MGC99656; Oncogene AKT1; PKB; PKB-ALPHA; PRKBA; Protein Kinase B Alpha; Protein kinase B; Proto-oncogene c-Akt; RAC Alp

Species Reactivity: Human,Mouse,(predicted: Rat,Chicken,Dog,)

Immunogen:

KLH conjugated synthesised phosphopeptide derived from human AKT1 around the phosphorylation site of Ser473:QF(p-S)YS

Format: Liquid

Storage instructions:

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

Concentration: 1mg/ml

Clonality: Polyclonal

Isotype: IgG

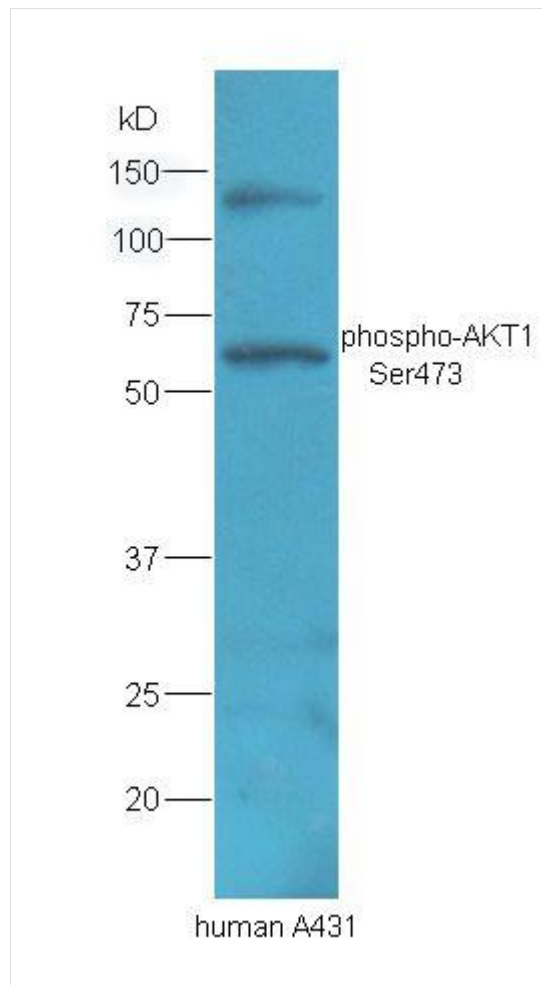
Applications:

WB=1:500-2000ELISA=1:5000-10000IHC-P=1:100-500IHC-F=1:100-500ICC=1:100-500IF=1:100-500 (Paraffin sections need to do antigen repair) not yet tested in other applications.optimal dilutions/concentrations should be determined by the end user.

Host: Rabbit

Product Overview:

Sample: A431 Cell (Human) Lysate at 40 ugPrimary: Anti-phospho-AKT1 (Ser473) (SL12456R) at 1/300 dilutionSecondary: HRP conjugated Goat-Anti-rabbit IgG (SL0295G-HRP) at 1/5000 dilutionPredicted band size: 60 kDObserved band size: 60 kD
Sample: Heart (Mouse) Lysate at 40 ugPrimary: Anti-phospho-AKT1 (Ser473) (SL12456R) at 1/300 dilutionSecondary: HRP conjugated Goat-Anti-rabbit IgG (SL0295G-HRP) at 1/5000 dilutionPredicted band size: 60 kDObserved band size: 60 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-AKT1 (Ser473)) Polyclonal Antibody, Unconjugated (SL12456R) at 1:400 overnight at 4 ° C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



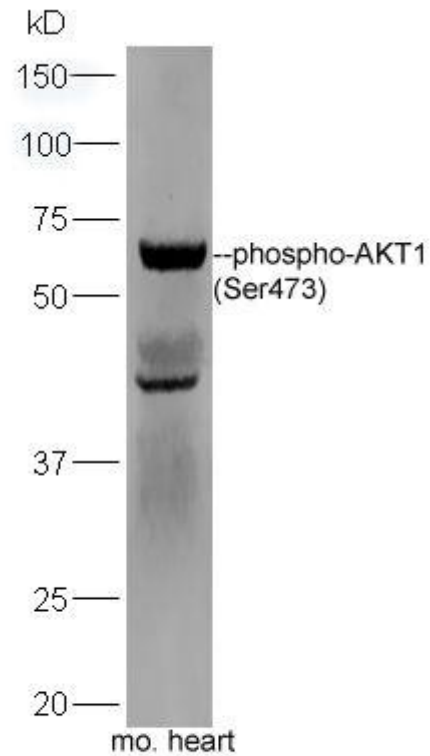
Sample: A431 Cell (Human) Lysate at 40 ug

Primary: Anti-phospho-AKT1 (Ser473) (SL12456R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL0295G-HRP) at 1/5000 dilution

Predicted band size: 60 kD

Observed band size: 60 kD



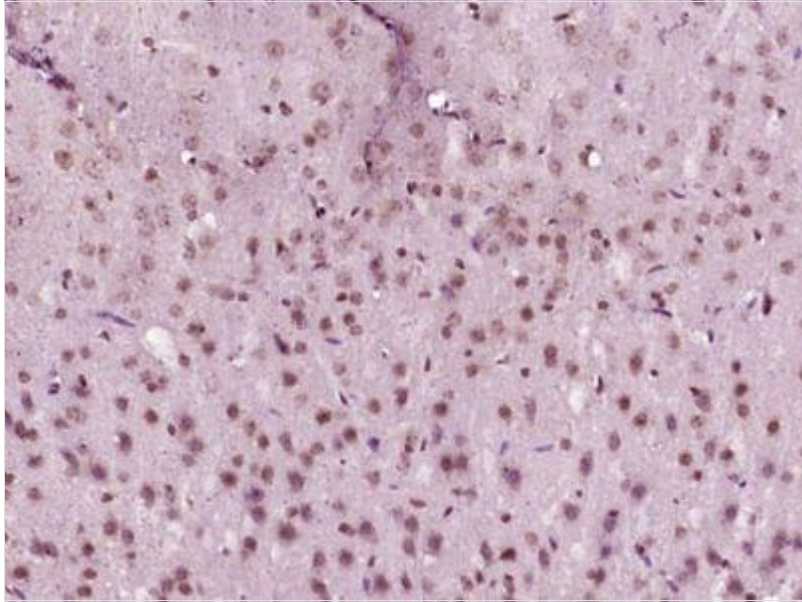
Sample: Heart (Mouse) Lysate at 40 ug

Primary: Anti-phospho-AKT1 (Ser473) (SL12456R) at 1/300 dilution

Secondary: HRP conjugated Goat-Anti-rabbit IgG (SL0295G-HRP) at 1/5000 dilution

Predicted band size: 60 kD

Observed band size: 60 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-AKT1 (Ser473)) Polyclonal Antibody, Unconjugated (SL12456R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.