Anti-Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015345

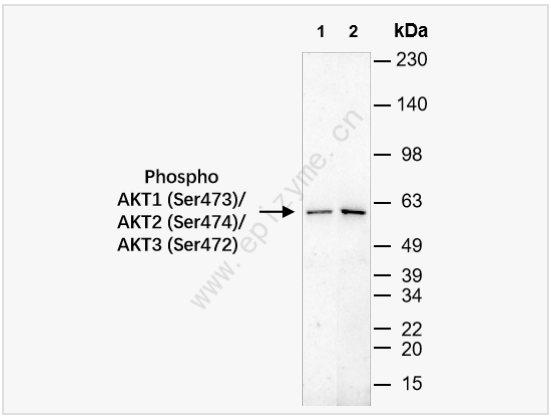
Product Information

Application	WB, ELISA
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	30P57N10
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser472 of human AKT3
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Rabbit mAb [30P57N10] is for research use only and not for use in diagnostic or therapeutic procedures.

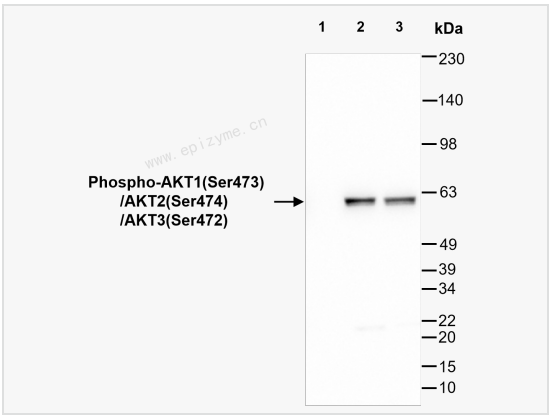
Protein Information

Synonyms	AKT; AKT1; AKT1 kinase; AKT1m; AKT2; AKT2 kinase; Akt3; AKT3_HUMAN; CAKT; CWS6; DKFZp434N0250; HIHGHH; kinase Akt1; MGC99656; MPPH; Murine thymoma viral (v-akt) homolog 2; pan-akt; PKB ALPHA; PKB; PKB beta; PKB gamma; PKB-GAMMA; PKB/Akt; PKBALPHA; PKBB; PKBBETA; PKBG; PKBGAMMA; PRKBA; PRKBB; PRKBG; Protein kinase Akt 2; Protein kinase Akt-2; Protein kinase Akt-3; Protein kinase B alpha; Protein kinase B; Protein kinase B beta; Protein kinase B gamma; Proto oncogene c Akt; Proto-oncogene c-Akt; RAC ALPHA; RAC alpha serine/threonine protein kinase; RAC; RAC BETA; RAC beta serine/threonine protein kinase; RAC PK alpha; RAC PK beta; rac protein kinase alpha; rac protein kinase beta; RAC-ALPHA; RAC-alpha serine/threonine-protein kinase; RAC-beta serine/threonine-protein kinase; RAC-gamma; RAC-gamma serine/threonine-protein kinase; RAC-PK-alpha; RAC-PK-beta; RAC-PK-gamma; RACALPHA; RACalpha serine/threonine kinase; RACBETA; RACgamma; RACgamma serine/threonine protein kinase; RACPKgamma; serine threonine protein kinase; STK 2; STK-2; STK2; thymoma viral proto oncogene 1; thymoma viral proto oncogene; V akt murine thymoma viral oncogene homolog 1; V akt murine thymoma viral oncogene homolog 2; V akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma); V akt murine thymoma viral oncogene homolog 3; V-AKT murine thymoma viral oncogene homolog 1; V-AKT murine thymoma viral oncogene homolog 2; V-AKT murine thymoma viral oncogene homolog 3; vakt murine thymoma viral oncogene homolog 1; vakt murine thymoma viral oncogene homolog 2; vakt murine thymoma viral oncogene homolog 3.
Calculated MW	Calculated MW: 56 kDa; Observed MW: 56 kDa
Uniprot ID	Q9Y243
Gene ID	10000

Validation Images



Western Blot - Anti-Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Rabbit mAb [30P57N10]
All lanes: R015345 at 1:1,000 dilution
Lane 1: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 2: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 56 kDa
Observed band size: 56 kDa
Developed using the ECL technique (Cat. No. SQ201).



Western Blot - Anti-Phospho-AKT1 (Ser473)/AKT2 (Ser474)/AKT3 (Ser472) Rabbit mAb [30P57N10]
All lanes: R015345 at 1:2,000 dilution
Lane 1: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 2: HCT116 cells serum-starved overnight and then stimulated with serum for 2 h whole cell lyastes
Lane 3: HCT116 cells serum-starved overnight and then stimulated with serum for 4 h whole cell lyastes
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 56 kDa
Observed band size: 56 kDa
Developed using the ECL technique (Cat. No. SQ201).