

Anti-Akt (Thr-34), Phosphospecific Antibody

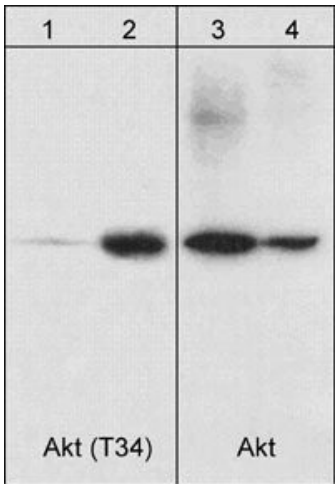


Product Details

Available Variants	100 µL (SKU:AP1001)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	AKT1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Rabbit, Rat
Immunogen	Phospho-Akt (Thr-34) synthetic peptide (coupled to KLH) corresponding to amino acid residues around threonine 34 of human Akt. This sequence is highly conserved in rat and mouse Akt.
Specificity	The antibody detects a 60 kDa* protein corresponding to the apparent molecular mass of phosphorylated Akt on SDS-PAGE immunoblots of A431 + calyculin A cell lysate. Similar results were seen in calyculin A treated human aortic endothelial and HeLa cells, rabbit spleen fibroblasts, and rat pituitary cells.
Molecular Weight	60
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	P31749
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr-34

Product Images



Western blot analysis of A431 cells, serum starved overnight (20 µg/lanes 1 & 3) and calyculin A (100 nM) treated for 30 minutes (20 µg/lanes 2 & 4). The blot was probed with anti-Akt (Thr-34) (lanes 1 & 2) or anti-Akt1 (N-terminal region) (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-akt-thr-34-phosphospecific-antibody-ap1001

