

Anti-Akt (N-terminal region) Antibody

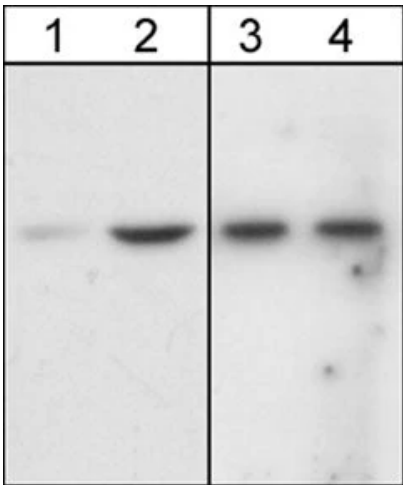
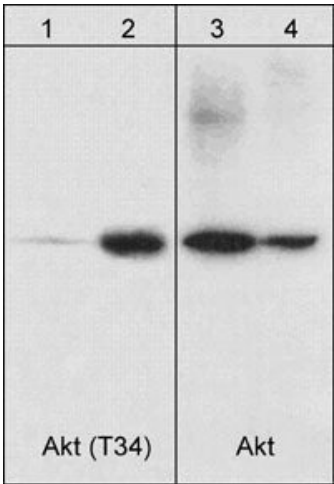


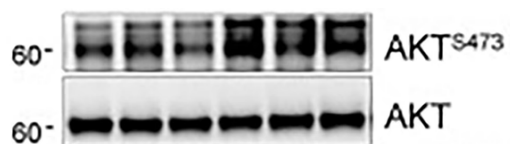
Product Details

Available Variants	100 µL (SKU:AM1011)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M101
Gene Name	AKT1
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M101 was generated from a recombinant protein containing amino acid residues in the N-terminal region of human Akt1. This sequence is highly conserved in human and mouse Akt, and may recognize Akt2 and Akt3.
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.

Product Images





Western blot image of HEK293 cells treated with 100 nM insulin for 15, 30, 60, and 120 minutes measuring AKT activation between phosphorylated and total AKT protein levels. (Cat. AM1011, 1:1000). CC-BY-4.0 [PMID: 37108445](#)

Product Page URL: www.antibodiesinc.com/products/anti-akt-n-terminal-region-antibody-am1011



Created on 11. September 2026 | All information without guarantee