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## Product Datasheet

### AKT Antibody, Rabbit, Polyclonal ROC-100-401-401S

Article Name	AKT Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ROC-100-401-401S
Supplier Catalog Number	100-401-401S
Alternative Catalog Number	ROC-100-401-401S
Manufacturer	Rockland Immunochemicals
Host	Rabbit
Category	Antikörper
Application	IF, IHC, WB
Species Reactivity	Gallus, Human, Mouse, Rat
Immunogen	AKT Antibody was produced from whole rabbit serum prepared by repeated immunizations with a synthetic peptide R-P-H-F-P-Q-F-S-Y-S-A-S-G-T-A corresponding to the C-terminus (460-480) of human AKT proteins conjugated to KLH using maleimide. A residue of cysteine was added to the amino terminal end to facilitate coupling. A BLAST analysis was used to suggest reactivity with this protein from rat, mouse, and chicken based on 100% homology for the immunogen sequence.
Conjugation	Unconjugated
Clonality	Polyclonal
Concentration	75 mg/ml by Refractometry
NCBI	<a href="#">207</a>

UniProt	<a href="#">P31749</a>
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Form	Liquid (sterile filtered)
Target	Human
Antibody Type	Primary Antibody
Application Dilute	ELISA: 1:2,000 - 1:10,000, Flow Cytometry: User Optimized, IHC: 1:500 - 1:2,000, IF Microscopy: 1:100 - 1:1,000, WB: 1:500 - 1:2,000
Application Notes	Anti-AKT Antibody has been tested in Western Blot, Immunohistochemistry (Formalin-fixed paraffin-embedded sections), and Immunofluorescence (paraformaldehyde-fixed primary cardiomyocyte cultures). Expect a band at ~55.7kDa in 3T3 whole cell lysate or oth