

# Akt(pan) 1/2/3 Conjugated Antibody

Catalog No: #C56093

Package Size: #C56093-AF350 100ul #C56093-AF405 100ul #C56093-AF488 100ul #C56093-AF555 100ul #C56093-AF594 100ul #C56093-AF647 100ul #C56093-AF680 100ul #C56093-AF750 100ul #C56093-Biotin 100ul #C56093-Conjugated 50ul

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## Description

Product Name	Akt(pan) 1/2/3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF, FC
Species Reactivity	Human Mouse Rat
Specificity	Akt(pan)1/2/3 Antibody detects endogenous levels of total AKT1/2/3
Immunogen Description	A synthesized peptide derived from human AKT1/2/3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PKB;RAC;PRKBA;PKB-ALPHA;RAC-ALPHA; AKT1 ; AKT2; AKT3; Akt1/2/3; pan Akt;
Accession No.	Uniprot:P31749/P31751/Q9Y243
Calculated MW	56kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

WB: 1:50-1:200

IF:1:50-1:200

FC: 1:50-1:200

## Product Description

Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.