Phospho-Akt (Thr308) Rabbit Polyclonal Antibody

CABP1172

Product Information

Product SKU:	CABP1172	**Gene ID**:	207/208/10000	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human,Mouse

Additional Information

Observed MW:	60kDa	**Conjugate:**	-
Calculated MW:	48kDa/55kDa/51kDa/54kDa	**Isotype:**	IgG

Immunogen Information

Background:	The serine-threonine protein kinase encoded by the AKT1 gene is catalytically inactive in serum-starved primary and immortalized fibroblasts. AKT1 and the related AKT2 are activated by platelet-derived growth factor. The activation is rapid and specific, and it is abrogated by mutations in the pleckstrin homology domain of AKT1. It was shown that the activation occurs through phosphatidylinositol 3-kinase. In the developing nervous system AKT is a critical mediator of growth factor-induced neuronal survival. Survival factors can suppress apoptosis in a transcription-independent manner by activating the serine/threonine kinase AKT1, which then phosphorylates and inactivates components of the apoptotic machinery. Mutations in this gene have been associated with the Proteus syndrome. Multiple alternatively spliced transcript variants have been found for this gene.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	AKT1/AKT2/AKT3; Phospho-AKT1-T308+AKT2-T309+AKT3-T305
Purifcation Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around T308 of human AKTAKT1 (NP_005154.2).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

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