

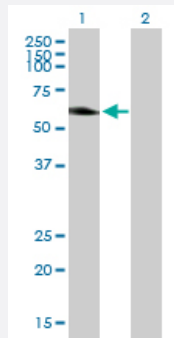
MaxPab®

AKT3 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010000-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AKT3 expression in transfected 293T cell line ([H00010000-T02](#)) by AKT3 MaxPab polyclonal antibody.

Lane 1: AKT3 transfected lysate (55.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AKT3 protein.
Immunogen	AKT3 (NP_005456.1, 1 a.a. ~ 479 a.a) full-length human protein.
Sequence	MSDVTIVKEGWVQKRGEYKKNWRPRYFLLKTDGSFIGYKEKPQDVLPLYPLNNFSVAKCQLMKTE RPKPNTFIIRCLQWTTVIERTFHVDTPPEEREWEATEIQAVADRLQRQEEERMNCSPSTSQIDNIGEEE MDASTTHHKRKTMDNDFDLKLLGKGTFGKVILVREKASGKYAMKILKKEVIAKDEVAHTLTESRV LKNTRHPFLTSLKYSFQTKDRLCFVMEYVNGGELFFHLSRERVFSEDRTRFYGAIVSALDYLHSG KIVYRDLKLENLMLDKDGHKIDTDFGLCKEGITDAATMKTFCGTPEYLAPEVLEDNDYGRAVDWWG LGVVMYEMMCGRLPFYNQDHEKLFELILMEDIKFPRTLSSDAKSLLSGLLIKDPNKRLLGGPDDA KEIMRHSFFSGVNWQDVYDKKLVPPFKPQVTSETDTRYFDEEFTAQTITITPPEKYDEDGMDCMD NERRPHFPQFSYASGRE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AKT3

Entrez GeneID	10000
GeneBank Accession#	NM_005465.3
Protein Accession#	NP_005456.1
Gene Name	AKT3
Gene Alias	DKFZp434N0250, PKB-GAMMA, PKBG, PRKBG, RAC-PK-gamma, RAC-gamma, STK-2
Gene Description	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
Omim ID	611223
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000037911 OTTHUMP00000037912 RAC-gamma serine/threonine protein kinase protein kinase B gamma serine threonine protein kinase, Akt-3 v-akt murine thymoma viral oncogene homolog 3

Pathway

- [Acute myeloid leukemia](#)

- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Tight junction](#)

- [Toll-like receptor signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Multiple Sclerosis](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)