

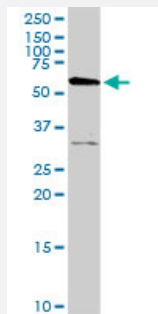
MaxPab®

AKT3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010000-D01P

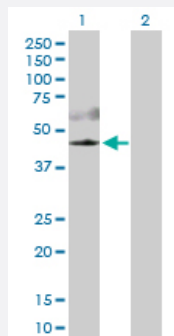
Size 100 ug

Applications



Western Blot (Tissue lysate)

AKT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKT3 expression in human placenta.



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

Rabbit 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

MSDVTIVKEGWVQKRGEYIKNWRPRYFLLKTDGSFIGYKEKPQDVDLPYPLNNFSVAKCQLMKTE
RPKPNTFIIRCLQWTTVIERTFHVDTPPEEREWEATEIAQAVADRLQRQEEERMNCSPSTQIDNIGEEE
MDASTTHHKRKTMDNDFDYLKLLGKGTFGKVLVREKASGKYAMKILKKEVIAKDEVAHTLTESRV
LKNTRHPFLTSLKYSFQTKDRLCFVMEYVNGGELFFHLSRERVFSEDRTRFYGAENVSAIDYLSHG
KIVYRDLKLENLMLDKDGHKIDTFGLCKEGITDAATMKTFCGTPEYLAPEVLEDNDYGRAVDWWG
LGVVMYEMMCGRLPFYNQDHEKLFELILMEDIKFRTLSSDAKSLLSGLLIKDPNKRLLGGGPDDA
KEIMRHSFFSGVNWQDVYDKKLVPFPKQVTSETDTRYFDEEFTAQTITITPPEKYDEDGMDCMD
NERRPHFPQFSYSASGRE

Host	Rabbit
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

- Western Blot (Tissue lysate)

AKT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of AKT3 expression in human placenta.

[Protocol Download](#)

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[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](#)