

DNAxPAb

Hard-to-Find
Antibody

AKTIP DNAxPab

Catalog # H00064400-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human AKTIP DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MNPFWSMSTSSVRKRSEGEKTLTGDVKTSPPRRTAPKKQLPSIPKNALPITKPTSPAPAAQSTNG
THASYGPFYLEYSLAEFTLVVKQKLPGVYVQPSYRSALMWFGVIFIRHGLYQDGVFKFTVYIPDNY
PDGDCPRLVFDIPVFHPLVDPTSGELDVKRAFAKWRRNHNHMQVLMYARRVFYKIDTASPLNPE
AAVLYEKDIQLFKSKVVDVSVKVCTARLFDQPKIEDPYAISFSPWNPSVHDEAREKMLTQKKPEEQ
HNKSVHVAGLSWVKPGSVQPFKSKEEKTAT

Host Rabbit

Reactivity Human

Purification Protein A

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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — AKTIP

Entrez GeneID [64400](#)**GeneBank Accession#** [NM_022476.2](#)**Protein Accession#** [NP_071921.1](#)**Gene Name** AKTIP**Gene Alias** FT1, FTS**Gene Description** AKT interacting protein**Omim ID** [608483](#)**Gene Ontology** [Hyperlink](#)

Gene Summary

The mouse homolog of this gene produces fused toes and thymic hyperplasia in heterozygous mutant animals while homozygous mutants die in early development. This gene may play a role in apoptosis as these morphological abnormalities are caused by altered patterns of programmed cell death. The protein encoded by this gene is similar to the ubiquitin ligase domain of other ubiquitin-conjugating enzymes but lacks the conserved cysteine residue that enables those enzymes to conjugate ubiquitin to the target protein. This protein interacts directly with serine/threonine kinase protein kinase B (PKB)/Akt and modulates PKB activity by enhancing the phosphorylation of PKB's regulatory sites. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq]

Other Designations fused toes homolog

Disease

- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Retinoblastoma](#)