SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

AKTIP Antibody - middle region : Biotin (ARP56199_P050-Biotin)

Data Sheet

Product Number	ARP56199_P050-Biotin
Product Page	www.avivasysbio.com/aktip-antibody-middle-region-biotin-arp56199-p050-biotin.html
Name	AKTIP Antibody - middle region : Biotin (ARP56199_P050-Biotin)
Protein Size (# AA)	292 amino acids
Molecular Weight	33kDa
Conjugation	Biotin
NCBI Gene Id	64400
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	AKT interacting protein
Alias Symbols	FT1, FTS
Peptide Sequence	Synthetic peptide located within the following region: NPSVHDEAREKMLTQKKPEEQHNKSVHVAGLSWVKPGSVQPFSKEEKTVA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007)
Description of Target	AKTIP is the component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). AKTIP regulates apoptosis by enhancing phosphorylation and activation of AKT1. AKTIP increases release of TNFSF6 via the AKT1/GSK3B/NFATC1 signaling cascade.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.
Protein Interactions	HOOK1; HOOK2; HOOK3; FAM160A2; VPS16; VPS18; VPS41; TRIM23; TRIM41; MARCH5; DZIP3; KIAA1377; EXOC7; POLA2; GTF3C1; UTP14A; C10orf2; PDPK1; ASS1; CTBP2; IMMT; RPA1; AKT1; TIMM50; PDS5A; IARS; HDLBP; DCTN1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-AKTIP (ARP56199_P050-Biotin) antibody
Blocking Peptide	For anti-AKTIP (ARP56199_P050-Biotin) antibody is Catalog # AAP56199 (Previous Catalog # AAPP38119)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human AKTIP
Uniprot ID	Q9H8T0
Protein Name	AKT-interacting protein
Protein Accession #	NP_001012398
Purification	Affinity Purified
Nucleotide Accession #	NM_001012398
Gene Symbol	AKTIP

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 83%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com