

Rabbit TEK2 Polyclonal Antibody | anti-TEK2 antibody

TEK2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288732	Rabbit	Human (Predicted Reactivity: Bovine, Monkey, Rat)	ELISA, Western Blot

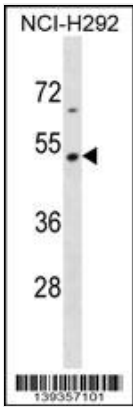
PRODUCT SYNONYMS

TEK2; Polyclonal Antibody; TEK2 Antibody (N-term); Tektin-2; Tektin-t; Testicular tektin; Testicular tektin B1-like protein; TEKTB1; Tektin-B1; anti-TEK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TEK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-132 amino acids from the N-terminal region of human TEK2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	103-132
Sequence Length	430
Applicable Applications for anti-TEK2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Structural component of ciliary and flagellar microtubules. Plays a key role in the assembly or attachment of the inner dynein arm to microtubules in sperm flagella and tracheal cilia. Forms filamentous polymers in the walls of ciliary and flagellar microtubules.
Cellular Location	Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250 UniProtKB:Q922G7}. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250 UniProtKB:Q922G7}. Cytoplasm, cytoskeleton, microtubule organizing center {ECO:0000250 UniProtKB:Q922G7} Note=Colocalized with CDC172 at the perinuclear region {ECO:0000250 UniProtKB:Q922G7}
Tissue Location	Expressed at high levels in testis, trachea and fetal lung, and at lower levels in ovary, pituitary, adult lung, fetal brain and fetal kidney.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
TEKT2 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the TEKT2 antibody detected the TEKT2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TEKT2 antibody	This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis.
Product Categories/Family for anti-TEKT2 antibody	Signal Transduction
References	Zuccarello, D., et al. Hum. Reprod. 23(4):996-1001(2008) Tanaka, H., et al. Mol. Cell. Biol. 24(18):7958-7964(2004) Iguchi, N., et al. Mol. Hum. Reprod. 8(6):525-530(2002) Wolkowicz, M.J., et al. Biol. Reprod. 66(1):241-250(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16507950
NCBI GeneID	27285
NCBI Accession #	NP_055281.2
NCBI GenBank Nucleotide #	NM_014466.2
UniProt Accession #	Q9UIF3; O60638; A6NIS6
Molecular Weight	49672
NCBI Official Full Name	tektin-2
NCBI Official Synonym Full Names	tektin 2 (testicular)
NCBI Official Symbol	TEKT2
NCBI Official Synonym Symbols	TEKTB1; TEK TIN-T; h-tektin-t
NCBI Protein Information	tektin-2
UniProt Protein Name	Tektin-2
UniProt Gene Name	TEKT2
UniProt Synonym Gene Names	TEKTB1; Tektin-B1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tekt2-antibody-western-blot-elisa/288732>