

Rabbit Twinkle Protein Polyclonal Antibody | anti-TWINL antibody

Twinkle Protein, Mitochondrial (TWINL) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144700	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Twinkle Protein; Polyclonal Antibody; Mitochondrial (TWINL) Polyclonal Antibody; PEO; SANDO; PEOA3; PEO1; IOSCA; SCA8; Progressive External Ophthalmoplegia 1; Infantile Onset Spinocerebellar Ataxia; T7 gp4-like with intramitochondrial nucleoid localization; anti-TWINL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against TWINL. It has been selected for its ability to recognize TWINL in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	799
Applicable Applications for anti-TWINL antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	TWINL (Val384~Lys635)
Quality Control	Content: The quality control contains recombinant TWINL (Val384~Lys635) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255304946
NCBI GeneID	56652
NCBI Accession #	NP_001157284.1
NCBI GenBank Nucleotide #	NM_001163812.1
UniProt Accession #	Q96RR1; Q6MZX2; Q6PJP5; Q96RR0; B2CQL2
Molecular Weight	60,400 Da
NCBI Official Full Name	twinkle protein, mitochondrial isoform B
NCBI Official Synonym Full Names	twinkle mtDNA helicase
NCBI Official Symbol	TWNK
NCBI Official Synonym Symbols	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7; PRLTS5; C10orf2
NCBI Protein Information	twinkle protein, mitochondrial
UniProt Protein Name	Twinkle protein, mitochondrial
UniProt Gene Name	TWNK

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://stage.aaabiotech.com/polyclonal/twinkle-protein-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144700>