

Rabbit anti-Human Twinkle Polyclonal Antibody | anti-PEO1 antibody

Anti-Twinkle Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264552	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Twinkle; Polyclonal Antibody; Anti-Twinkle Antibody; C10orf2; Twinkle protein mitochondrial; Progressive external ophthalmoplegia 1 protein; T7 gp4-like protein with intramitochondrial nucleoid localization; T7-like mitochondrial DNA helicase; anti-PEO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Twinkle protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-PEO1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Twinkle. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Twinkle staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Twinkle expression in MCF7 (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PEO1 antibody	Rabbit polyclonal antibody to Twinkle
--	---------------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	21707100
NCBI GeneID	56652
UniProt Accession #	Q96RR1; Q6MZX2; Q6PJP5; Q96RR0; B2CQL2

Molecular Weight	77,154 Da
NCBI Official Full Name	C10orf2 protein
NCBI Official Synonym Full Names	chromosome 10 open reading frame 2
NCBI Official Symbol	C10orf2
NCBI Official Synonym Symbols	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7
NCBI Protein Information	twinkle protein, mitochondrial; ataxin 8; mitochondrial twinkle protein; T7-like mitochondrial DNA helicase; progressive external ophthalmoplegia 1 protein; T7 gp4-like protein with intramitochondrial nucleoid localization; T7 helicase-related protein wit
UniProt Protein Name	Twinkle protein, mitochondrial
UniProt Gene Name	PEO1
UniProt Synonym Gene Names	C10orf2
UniProt Entry Name	PEO1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/twinkle-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264552>