

Rabbit C10orf2 Polyclonal Antibody | anti-C10orf2 antibody

C10orf2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302048	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

C10orf2; Polyclonal Antibody; C10orf2 Antibody; PEO; PEO1; SCA8; ATXN8; IOSCA; anti-C10orf2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total C10orf2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	582
Applicable Applications for anti-C10orf2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human C10orf2.
Target Name	C10orf2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using C10orf2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using C10orf2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-C10orf2 antibody	This gene encodes a hexameric DNA helicase which unwinds short stretches of double-stranded DNA in the 5' to 3' direction and, along with mitochondrial single-stranded DNA binding protein and mtDNA polymerase gamma, is thought to play a key role in mtDNA replication. The protein localizes to the mitochondrial matrix and mitochondrial nucleoids. Mutations in this gene cause infantile onset spinocerebellar ataxia (IOSCA) and progressive external ophthalmoplegia (PEO) and are also associated with several mitochondrial depletion syndromes. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
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Product Categories/Family for anti-C10orf2 antibody	Total protein Ab
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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	chromosome 10 open reading frame 2
NCBI Official Symbol	C10orf2
NCBI Official Synonym Symbols	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7; PRLTS5
NCBI Protein Information	twinkle protein, mitochondrial
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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/c10orf2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302048>