

Product Information

Product SKU:	CAB13433	Gene ID:	56652	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Mouse

Additional Information

Observed MW:	77kDa	Conjugate:	Unconjugated
Calculated MW:	77kDa	Isotype:	IgG

Immunogen Information

Background:	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.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	PEO; PEO1; SCA8; ATXN8; IOSCA; PEOA3; SANDO; TWINL; MTDPS7; PRLTS5; C10orf2
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 585-684 of human C10orf2 (NP_068602.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.