

POLG Rabbit pAb

db22994

Package : 20µL 50µL 100µL

Product Name : POLG Rabbit pAb**Cat.No.:** db22994**Synonyms** : PEO; MDP1; SCAE; MIRAS; POLG1; POLGA; SANDO; MTDPS4A; MTDPS4B**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

Mitochondrial DNA polymerase is heterotrimeric, consisting of a homodimer of accessory subunits plus a catalytic subunit. The protein encoded by this gene is the catalytic subunit of mitochondrial DNA polymerase. The encoded protein contains a polyglutamine tract near its N-terminus that may be polymorphic. Defects in this gene are a cause of progressive external ophthalmoplegia with mitochondrial DNA deletions 1 (PEOA1), sensory ataxic neuropathy dysarthria and ophthalmoparesis (SANDO), Alpers-Huttenlocher syndrome (AHS), and mitochondrial neurogastrointestinal encephalopathy syndrome (MNGIE). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human POLG

Gene ID

5428

Swiss Prot

P54098

Synonyms

PEO; MDP1; SCAE; MIRAS; POLG1; POLGA; SANDO; MTDPS4A; MTDPS4B

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

140 kDa

Observed MW

140 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.