DNA Polymerase gamma antibody

Catalog No: #22870

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	DNA Polymerase gamma antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 779 and 1191 (P54098) of DNA polymerase gamma
Target Name	DNA Polymerase gamma
Accession No.	Swiss-Prot:P54098Gene ID:5428
Uniprot	P54098
GeneID	5428;
Concentration	0.67mg/ml
Formulation	Supplied in 1XPBS, 1%BSA, 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

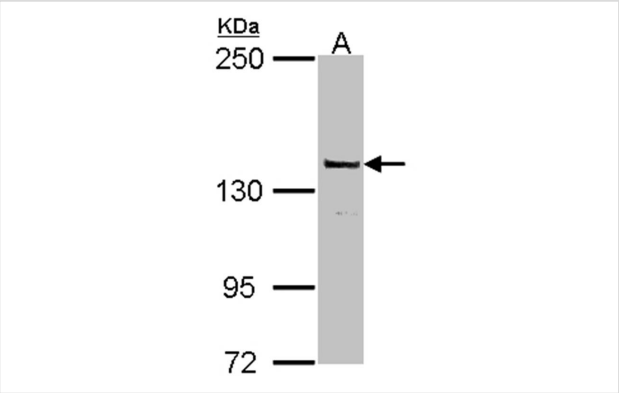
Predicted MW: 140kd

Western blotting: 1:500-1:3000

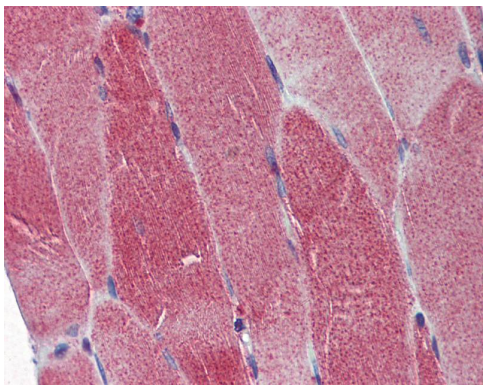
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

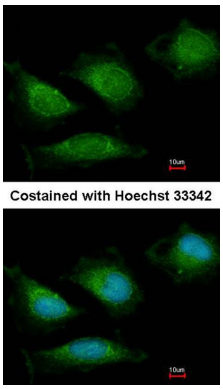
Images



Sample (30 ug of whole cell lysate)
A: MCF-7
5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Skeletal Muscle , using DNA polymerase gamma antibody(10 ug/ml).



Immunofluorescence analysis of methanol-fixed HeLa, using DNA polymerase gamma antibody at 1: 200 dilution.

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]

Note: This product is for in vitro research use only