Datasheet for ABIN926822

anti-POLG2 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	POLG2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	POLG2 antibody was raised in rabbit using the N terminal of POLG2 as the immunogen
Purification:	Purified

Target Details

Target:	POLG2
Alternative Name:	POLG2 (POLG2 Products)
Background:	This gene encodes the processivity subunit of the mitochondrial DNA polymerase gamma. The encoded protein forms a heterotrimer containing one catalytic subunit and two processivity subunits. This protein enhances DNA binding and promotes processive DNA synthesis. Mutations in this gene result in autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions. Synonyms: Polyclonal POLG2 antibody, Anti-POLG2 antibody,

Target Details

	polymerase, DNA directed, gamma 2, accessory subunit antibody, HP55 antibody, MTPOLB antibody, PEOA4 antibody, POLB antibody, POLG-BETA antibody, POLGB antibody.

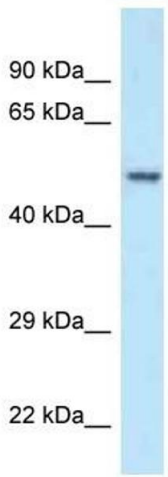
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	POLG2 Blocking Peptide, catalog no. 33R-4650, is also available for use as a blocking control in assays to test for specificity of this POLG2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing POLG2 antibody used at a concentration of 1 ug/ml against Fetal Kidney Lysate