

Datasheet for ABIN1534841
anti-POLG2 antibody (AA 291-340)



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1 Image

Overview

Quantity:	100 µL
Target:	POLG2
Binding Specificity:	AA 291-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLG2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human POLG2.
Isotype:	IgG
Specificity:	POLG2 Antibody detects endogenous levels of total POLG2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	POLG2
Alternative Name:	POLG2 (POLG2 Products)
Background:	Synonyms: DNA polymerase subunit gamma-2, mitochondrial, Mitochondrial DNA polymerase

Target Details

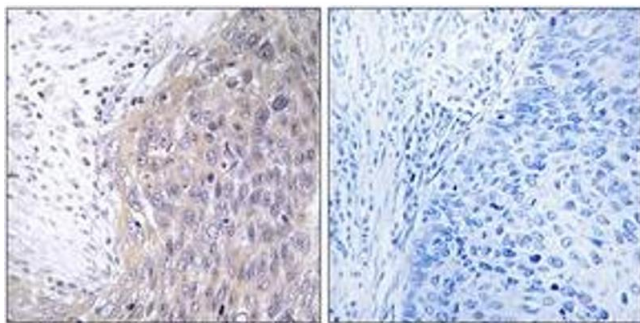
	accessory subunit, PolG-beta, MtPolB, DNA polymerase gamma accessory 55 kDa subunit, p55 NCBI Gene Symbol: DPOG2
Molecular Weight:	54 kDa
Gene ID:	11232
OMIM:	604983
UniProt:	Q9UHN1

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.437009 (NCBI Gene Symbol: DPOG2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using POLG2 Antibody. The picture on the right is treated with the synthesized peptide.