

POLG2 Antibody

Catalog No: #34648

Package Size: #34648-1 50ul #34648-2 100ul

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

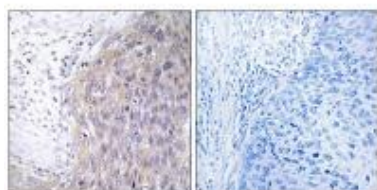
Description

Product Name	POLG2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total POLG2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human POLG2.
Target Name	POLG2
Other Names	DNA polymerase subunit gamma-2; mitochondrial; EC 2.7.7.7; Mitochondrial DNA polymerase accessory subunit; PolG-beta
Accession No.	Swiss-Prot: Q9UHN1NCBI Gene ID: 11232
Uniprot	Q9UHN1
GeneID	11232;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue using POLG2 antibody #34648.

Background

Mitochondrial polymerase processivity subunit. Stimulates the polymerase and exonuclease activities, and increases the processivity of the enzyme. Binds to ss-DNA.

Lim S.E., J. Biol. Chem. 274:38197-38203(1999).

Johnson A.A., Biochemistry 39:1702-1708(2000).

Note: This product is for in vitro research use only