



POLD4 Monoclonal Antibody

Catalog No	YP-mAb-10889
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	POLD4 POLDS
Immunogen	Synthesized peptide derived from human POLD4 AA range: 43-93
Specificity	This antibody detects endogenous levels of human POLD4
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DNA polymerase delta subunit 4;p12;POLD4;POLDS;POLD4 POLDS;DNA polymerase delta subunit 4 (DNA polymerase delta subunit p12)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Partially recruited to DNA damage sites within 2 hours following UV irradiation, before degradation. .
Tissue Specificity	Brain,Cervix,Ovarian carcinoma,Pooled,
Function	function:Required for optimal DNA polymerase delta activity. May contribute to PCNA-dependent activity of DNA polymerase delta.,similarity:Belongs to the DNA polymerase delta subunit 4 family.,subunit:Heterotetramer composed of subunits of 125 kDa, 50 kDa, 66 kDa and 12 kDa. Interacts with WRNIP1. Interacts with POLD4, POLD2, POLD1 and PCNA.,
Background	This gene encodes the smallest subunit of DNA polymerase delta. DNA polymerase delta possesses both polymerase and 3' to 5' exonuclease activity and plays a critical role in DNA replication and repair. The encoded protein enhances the activity of DNA polymerase delta and plays a role in fork repair and stabilization through interactions with the DNA helicase Bloom



syndrome protein. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012],

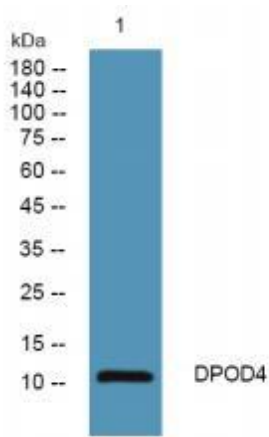
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using POLD4 Polyclonal Antibody