

Anti-RPA4 Polyclonal Antibody

Cat: K110296P

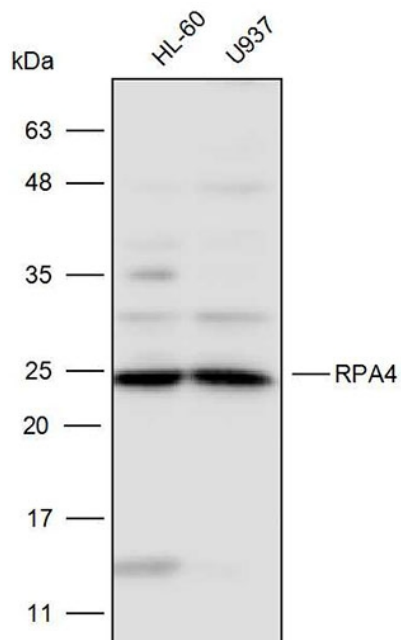
Summary:

【Product name】 : Anti-RPA4 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human
【Swiss Prot】 : Q13156	【Gene ID】 : 29935
【Calculated】 : MW:29kDa	【Observed】 : MW:25kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB	
【Recommended dilution】 : WB 1:1000-3000.	
【WB Positive sample】 :HL-60,U937	
【Subcellular location】 : Nucleus	
【Immunogen】 : A synthetic peptide of RPA4	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

Background:

As part of the alternative replication protein A complex, aRPA, binds single-stranded DNA and probably plays a role in DNA repair. Compared to the RPA2-containing, canonical RPA complex, may not support chromosomal DNA replication and cell cycle progression through S-phase. The aRPA may not promote efficient priming by DNA polymerase alpha but could support DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange.

Verified picture



Western blot analysis with RPA4 antibody diluted at
1:2000; Lane: HL-60, U937