

Product datasheet for **AM06058PU-N**

RPA14 (RPA3) (full length) Mouse Monoclonal Antibody [Clone ID: 111]

Product data:

Product Type:	Primary Antibodies
Clone Name:	111
Applications:	IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Immunoprecipitation. Western Blot.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full-length recombinant human RPA-14 expressed in E. coli
Specificity:	This antibody detects Replication Protein A3 (14kD) (RPA3).
Formulation:	Phosphate buffered saline State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein G column
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	replication protein A3
Database Link:	Entrez Gene 6119 Human P35244



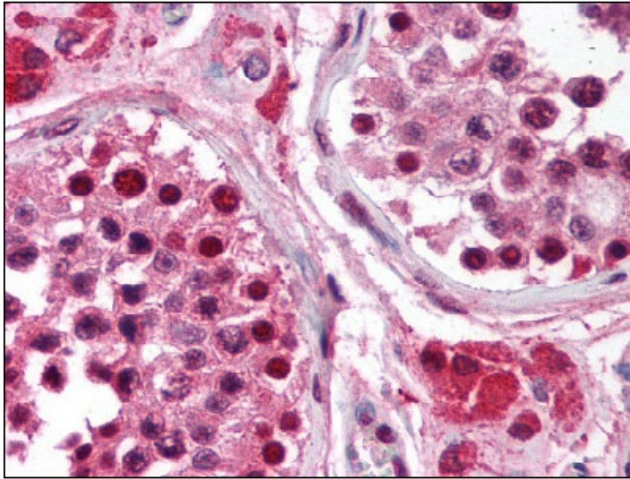
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Background:

Replication protein A (RPA) is a single-stranded DNA binding protein. Human RPA is a heterotrimeric protein containing subunits of 70, 32 and 14 kDa. This protein complex is highly conserved in eukaryotes and is essential in DNA replication, homologous recombination and nucleotide excision repair. RPA has been shown to be a target for DNA-dependent protein kinase (DNA-PK) ataxia telangiectasia-mutated gene (ATM) and a cyclin dependent protein kinase.

Synonyms:

REPA3, RP-A p14, RFA3, RF-A protein 3, Replication protein A

Product images:

Testis: Formalin-Fixed Paraffin-Embedded (FFPE)