

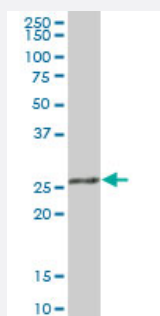
MaxPab®

RPA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00029935-B01P

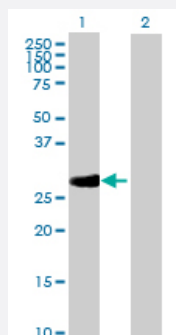
Size 50 ug

Applications



Western Blot (Tissue lysate)

RPA4 MaxPab polyclonal antibody. Western Blot analysis of RPA4 expression in human spleen.

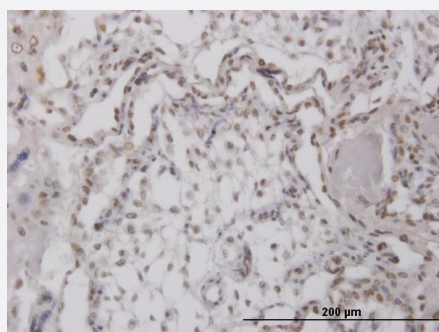


Western Blot (Transfected lysate)

Western Blot analysis of RPA4 expression in transfected 293T cell line ([H00029935-T01](#)) by RPA4 MaxPab polyclonal antibody.

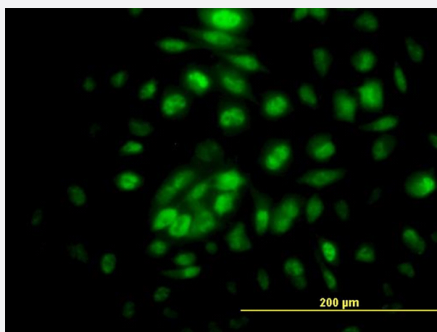
Lane 1: RPA4 transfected lysate(28.71 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to RPA4 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RPA4 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RPA4 protein.
Immunogen	RPA4 (NP_037479.1, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MSKSGFGSYGSISAADGASGGSDQLCERDATPAIKTQRPKVRIQDVVPCNVNQLLSSTVFDPVF KVRGIIVSQVSIVGVIRGAEKASNHICYKIDDMTAKPIEARQWFGREKVKQVTPLSVGVYVKVFGILK CPTGTKSLEVLKIHVLEDMNEFTVHILETVNAHMMMLDKARRDTTVESVPVSPSEVNDAGDNDESH RNFIQDEVLRLLIHECPHQEGKSIHELRAQLCDLSVKAIKEAIDYLTVEGHIYPTVDREHFKSAD
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RPA4 MaxPab polyclonal antibody. Western Blot analysis of RPA4 expression in human spleen.

[Protocol Download](#)

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Western Blot analysis of RPA4 expression in transfected 293T cell line ([H00029935-T01](#)) by RPA4 MaxPab polyclonal antibody.

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[Protocol Download](#)

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Immunoperoxidase of purified MaxPab antibody to RPA4 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RPA4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RPA4

Entrez GeneID [29935](#)

GeneBank Accession# [NM_013347](#)

Protein Accession# [NP_037479.1](#)

Gene Name RPA4

Gene Alias HSU24186, MGC120333, MGC120334

Gene Description replication protein A4, 34kDa

Gene Ontology [Hyperlink](#)

Gene Summary Replication protein A (RPA) is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. This gene encodes the 32-kDa subunit of the RPA, which associates with the 70- and 13-kDa subunits to form a trimeric RPA complex. [provided by RefSeq]

Other Designations OTTHUMP00000023647|replication protein A complex 34 kDa subunit RPA4|replication protein A complex 34 kd subunit homolog Rpa4

Pathway

- [DNA replication](#)

- [Homologous recombination](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)