

Anti-RFA2 pS122 (RABBIT) Antibody
RFA2 phospho S122 Antibody
Catalog # ASR5230

Specification

Anti-RFA2 pS122 (RABBIT) Antibody - Product Information

| | |
|------------------|--|
| Host | Rabbit |
| Conjugate | Unconjugated |
| Target Species | Yeast |
| Reactivity | Yeast |
| Clonality | Polyclonal |
| Application | WB, E, IP, I, LCI |
| Application Note | This affinity-purified antibody was tested for use in western blotting against RFA2 containing cell lysates and by ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown. |
| Physical State | Liquid (sterile filtered) |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Immunogen | This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 110-135 (of 273) of yeast DNA Replication Factor A (RFA2). The RFA complex consists of a heterotrimer of RFA1, RFA2 and RFA3, 69, 36 and 13 kda chains respectively. Yeast RFA2 is phosphorylated at the G ₁ /S transition and is dephosphorylated at mitosis. |
| Preservative | 0.01% (w/v) Sodium Azide |

Anti-RFA2 pS122 (RABBIT) Antibody - Additional Information

Gene ID 855404

Other Names
855404

Purity

This affinity purified antibody is directed against yeast RFA2. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide. This phospho specific polyclonal antibody is specific for phosphorylated pS122 of yeast RFA2. Reactivity with non-phosphorylated yeast RFA2 is minimal by ELISA.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-RFA2 pS122 (RABBIT) Antibody - Protein Information

Name RFA2

Synonyms BUF1

Function

Binds to single-stranded sequences participating in DNA replication in addition to those mediating transcriptional repression (URS1) and activation (CAR1). Stimulates the activity of a cognate strand exchange protein (SEP1). It cooperates with T-AG and DNA topoisomerase I to unwind template DNA containing the simian virus 40 origin of DNA replication.

Cellular Location

Nucleus.

Anti-RFA2 pS122 (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-RFA2 pS122 (RABBIT) Antibody - Images



This product was assayed by western blotting against RFA2 containing cell lysates. Affinity

purified rabbit anti RFA2 pS122 specific Lot 13230 at 1.0 ug/ml for 1 hr at RT followed by IRDye 800 Sh anti Rabbit IgG (lot 13218) 1:5000 1 hr RT.

Anti-RFA2 pS122 (RABBIT) Antibody - Background

RFA2 binds to single-stranded sequences participating in DNA replication in addition to those mediating transcriptional repression (URS1) and activation (CAR1). It stimulates the activity of a cognate strand exchange protein (SEP1). It cooperates with T-AG and DNA topoisomerase I to unwind template DNA containing the simian virus 40 origin of DNA replication.