

## Rabbit anti-Human, Mouse RFC5 Polyclonal Antibody | anti-RFC5 antibody

RFC5 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA327781 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

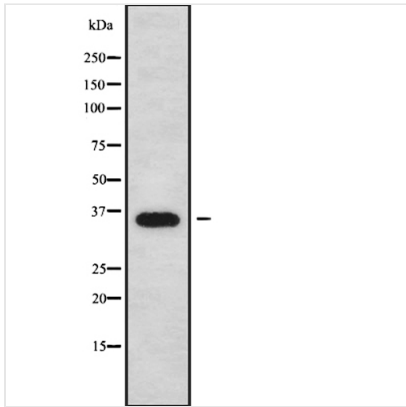
### PRODUCT SYNONYMS

RFC5; Polyclonal Antibody; RFC5 Antibody; 36 kDa subunit; A1 36; A1 36 kDa subunit; Activator 1 36 kDa subunit; Activator 1; Activator 1 subunit 5; MGC1155; Replication factor C (activator 1) 5 (36.5kD); Replication factor C 36 kDa subunit; Replication factor C 5 isoform 1; Replication Factor C; Replication factor C subunit 5; replication factor C; 36-kDa subunit; RF-C 36 kDa subunit; RFC 36.5 kD subunit; RFC 5; RFC3; yeast; homolog of; RFC36; rfc5; RFC5\_HUMAN; anti-RFC5 antibody

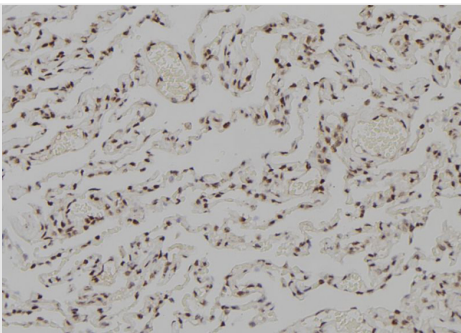
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                    |
| Reactivity                                     | Human, Mouse                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                |
| Isotype                                        | IgG                                                                                                                       |
| Specificity                                    | RFC5 antibody detects endogenous levels of total RFC5                                                                     |
| Purity/Purification                            | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.                             |
| Form/Format                                    | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                             |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                    |
| Sequence Length                                | 255                                                                                                                       |
| Applicable Applications for anti-RFC5 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                      |
| Immunogen                                      | A synthesized peptide derived from human RFC5                                                                             |
| Subcellular Location                           | Nucleus.                                                                                                                  |
| Predicted Cross Reactivity                     | <b>Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus</b>                                                |
| Similarity                                     | Pig (92%), Zebrafish (83%), Bovine (92%), Horse (88%), Sheep (92%), Rabbit (92%), Dog (92%), Chicken (92%), Xenopus (92%) |
| Conjugation                                    | Unconjugated                                                                                                              |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                         |

IMAGES



**WB (Western Blot)**  
Western blot analysis of RFC5 using Jurkat whole cell lysates



**IHC (Immunohistochemistry)**  
AAA327781 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-RFC5 antibody</b> | <p>Function: The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1.</p> <p>Subunit Structure: Heterotetramer of subunits RFC2, RFC3, RFC4 and RFC5 that can form a complex either with RFC1 or with RAD17. The former interacts with PCNA in the presence of ATP, while the latter has ATPase activity but is not stimulated by PCNA.</p> <p>Similarity: Belongs to the activator 1 small subunits family.</p> |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 194306569                                     |
| NCBI GeneID                      | 5985                                          |
| NCBI Accession #                 | NP_001123584.1                                |
| NCBI GenBank Nucleotide #        | NM_001130112.3                                |
| UniProt Accession #              | P40937; A8MZ62; B3KSX8                        |
| Molecular Weight                 | Observed: 36 kDa<br>Predicted: 39 kDa         |
| NCBI Official Full Name          | replication factor C subunit 5 isoform 3      |
| NCBI Official Synonym Full Names | replication factor C subunit 5                |
| NCBI Official Symbol             | RFC5                                          |
| NCBI Official Synonym Symbols    | RFC36                                         |
| NCBI Protein Information         | replication factor C subunit 5                |
| UniProt Protein Name             | Replication factor C subunit 5                |
| UniProt Gene Name                | RFC5                                          |
| UniProt Synonym Gene Names       | A1 36 kDa subunit; RF-C 36 kDa subunit; RFC36 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.