

RFA2 Antibody | anti-RFA2 antibody

RFA2 (Phospho-Ser33) Antibody

CATALOG # AAA110768	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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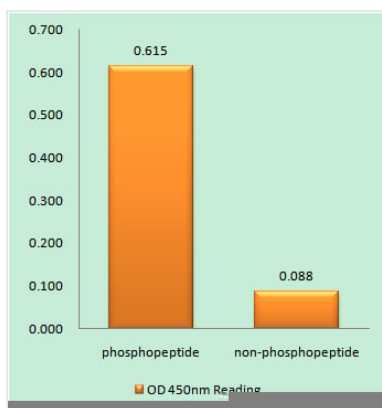
PRODUCT SYNONYMS

RFA2; RFA2 (Phospho-Ser33) Antibody; REPA2; replication factor-A protein 2; replication protein A 32 kDa subunit; replication protein A2; RF-A; RP-A; RPA2; RPA32; anti-RFA2 antibody

PRODUCT SPECIFICATIONS

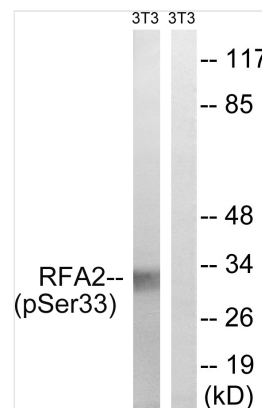
Reactivity	Human, Mouse, Rat
Specificity	RFA2 (Phospho-Ser33) antibody detects endogenous levels of RFA2 only when phosphorylated at serine 33.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	174
Applicable Applications for anti-RFA2 antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human RFA2 around the phosphorylation site of serine 33 (A-P-SP-Q-A).
All Sites	Human: Ser33 Mouse: Ser33 Rat: Ser33
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, treated with Adriamycin (0.5ug/ml, 24hours), using RFA2 (Phospho-Ser33) antibody. RFA2 (Phospho-Ser33) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-RFA2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Erdile L.F., J. Biol. Chem. 265:3177-3182(1990). Gregory S.G., Nature 441:315-321(2006). Niu H., J. Biol. Chem. 272:12634-12641(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	554595586
NCBI GeneID	6118
NCBI Accession #	NP_001273005.1
NCBI GenBank Nucleotide #	NM_001286076.1
UniProt Accession #	P15927; Q52II0; Q5TEI9; Q5TEJ5
Molecular Weight	38,810 Da
NCBI Official Full Name	replication protein A 32 kDa subunit isoform 2
NCBI Official Synonym Full Names	replication protein A2
NCBI Official Symbol	RPA2
NCBI Official Synonym Symbols	REPA2; RPA32; RP-A p32; RP-A p34
NCBI Protein Information	replication protein A 32 kDa subunit
UniProt Protein Name	Replication protein A 32 kDa subunit
UniProt Gene Name	RPA2
UniProt Synonym Gene Names	REPA2; RPA32; RPA34; RP-A p32; RF-A protein 2; RP-A p34

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/rfa2/110768>