

PP2A-alpha Antibody | anti-PP2A-alpha antibody

PP2A-alpha (Phospho-Tyr307) Antibody

CATALOG # AAA266711	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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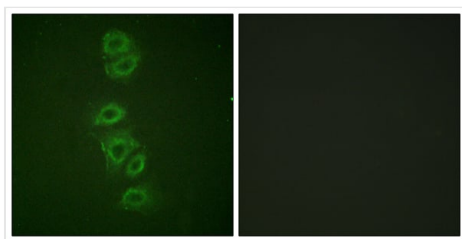
PRODUCT SYNONYMS

PP2A-alpha; PP2A-alpha (Phospho-Tyr307) Antibody; EC 3.1.3.16; PP2AA; RP-C; Replication protein C; Serine/threonine protein phosphatase 2A; catalytic subunit; alpha isoform; anti-PP2A-alpha antibody

PRODUCT SPECIFICATIONS

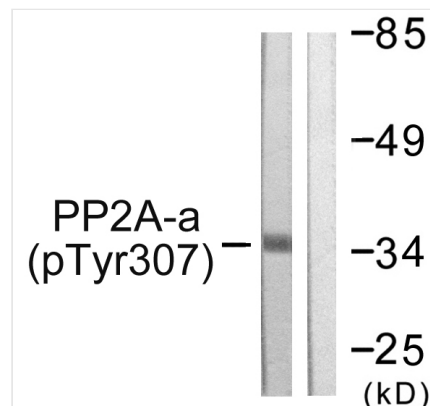
Reactivity	Human, Mouse, Rat
Specificity	PP2A-alpha (Phospho-Tyr307) antibody detects endogenous levels of PP2A-alpha only when phosphorylated at tyrosine 307.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	309
Applicable Applications for anti-PP2A-alpha antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PP2A-alpha around the phosphorylation site of tyrosine 307 (P-D-YP-F-L).
All Sites	Human: Tyr307 Mouse: Tyr307 Rat: Tyr307
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



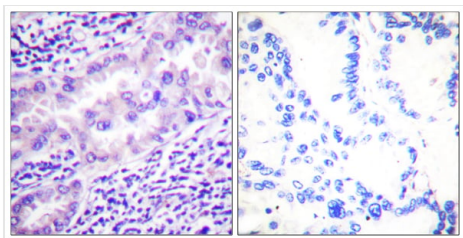
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of A549 cells, using PP2A-alpha (Phospho-Tyr307) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using PP2A-alpha (Phospho-Tyr307) antibody. Western blot analysis of extracts from A549 cells, using PP2A-alpha (Phospho-Tyr307) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-PP2A-alpha antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Wen Chen, Cancer Res., Sep 2005; 65: 8183-8192. Kathy Bonness, Mol. Cancer Ther., Nov 2006; 5: 2727-2736. Stefaan Wera, J. Biol. Chem., Sep 1995; 270: 21374. Todd D. Prickett, J. Biol. Chem., Sep 2004; 279: 38912-38920.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506017
NCBI GeneID	5515
NCBI Accession #	NP_002706.1
NCBI GenBank Nucleotide #	NM_002715.3
UniProt Accession #	P67775; P05323; P13197
Molecular Weight	29,735 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform isoform 1
NCBI Official Synonym Full Names	protein phosphatase 2 catalytic subunit alpha
NCBI Official Symbol	PPP2CA
NCBI Official Synonym Symbols	RP-C; PP2Ac; PP2CA; PP2Calpha
NCBI Protein Information	serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
UniProt Gene Name	PPP2CA
UniProt Synonym Gene Names	PP2A-alpha; RP-C

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/pp2a-alpha/266711>