

Rabbit anti-Human, Mouse PC4 Polyclonal Antibody | anti-PC4 antibody

Rabbit anti-PC4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211340	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

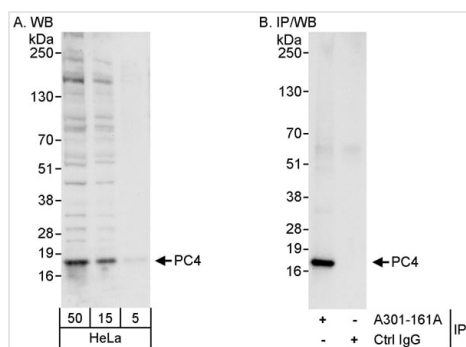
PRODUCT SYNONYMS

PC4; Polyclonal Antibody; Rabbit anti-PC4 Antibody; Affinity Purified; activated RNA polymerase II transcriptional coactivator p15; SUB1 homolog; positive cofactor 4; p14; activated RNA polymerase II transcription cofactor 4; P15; Activated RNA polymerase II transcriptional coactivator p15; transcriptional regulator; anti-PC4 antibody

PRODUCT SPECIFICATIONS

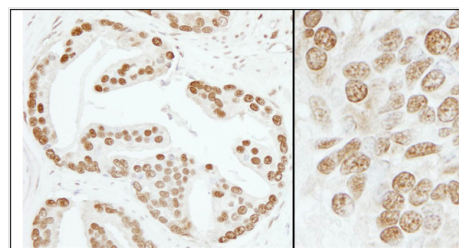
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PC4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Predicted Reactivity	Rat, Chicken, Orangutan
Immunogen	Between 77 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PC4 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PC4 antibody AAA211340 used for WB at 0.04 ug/ml (A) and 0.1 ug/ml (B). PC4 was immunoprecipitated by rabbit anti-PC4 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human and mouse PC4 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-PC4 (Cat. No. AAA211340 Lot1) used at a dilution of 1:200 (1ug/ml) and 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PC4 antibody	PC4 is a multifunctional transcriptional coactivator that plays an important role in transcription, repair, and replication. PC4 interacts with general transcription factors, DNA repair factors, and mRNA processing factors to influence transcription initiation, coactivation, polyadenylation, transcription termination, and transcriptional repression. PC4 has been demonstrated to be a DNA binding protein and a bona fide component of chromatin with chromatin-compacting ability.
Product Categories/Family for anti-PC4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330646
NCBI GeneID	10923
NCBI Accession #	NP_006704.3
NCBI GenBank Nucleotide #	NM_006713.3
UniProt Accession #	P53999; Q96L29
Molecular Weight	14,395 Da
NCBI Official Full Name	activated RNA polymerase II transcriptional coactivator p15
NCBI Official Synonym Full Names	SUB1 homolog (S. cerevisiae)
NCBI Official Symbol	SUB1
NCBI Official Synonym Symbols	P15; PC4; p14
NCBI Protein Information	activated RNA polymerase II transcriptional coactivator p15; activated RNA polymerase II transcription cofactor 4; positive cofactor 4
UniProt Protein Name	Activated RNA polymerase II transcriptional coactivator p15
UniProt Gene Name	SUB1
UniProt Synonym Gene Names	PC4; RPO2TC1; PC4
UniProt Entry Name	TCP4_HUMAN

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/polyclonal/pc4-antibody-immunohistochemistry-western-blot-elisa/211340>