

Rabbit PC4 Polyclonal Antibody | anti-SUB1 antibody

PC4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201796	Rabbit	Cow, Dog, Human, Mouse, Rat, Yeast, Zebrafish	Western Blot, Immunohistochemistry

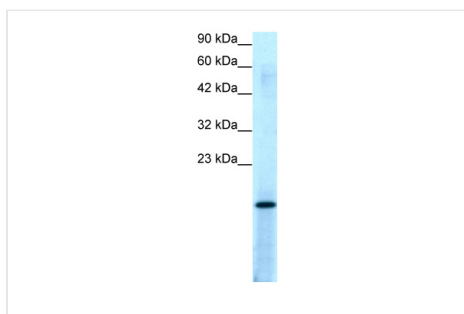
PRODUCT SYNONYMS

PC4; Polyclonal Antibody; PC4 antibody - middle region; anti-SUB1 antibody

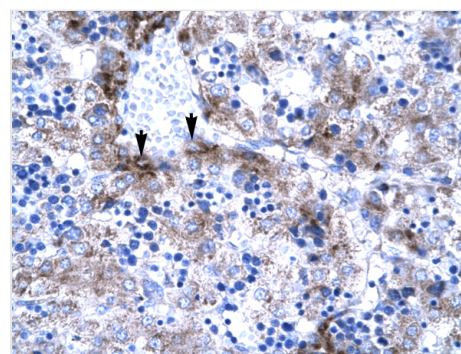
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NM FQIGKMRYVS VRDFKGKVL I DIREYWM DPE GEMKPGRKGI SLNPEQWS
Sequence Length	127
Applicable Applications for anti-SUB1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Yeast: 91%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PC4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PC4 Antibody Titration: 0.5-1.0ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that SUB1 is expressed in HepG2


IHC (Immunohistochemistry)

Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-SUB1 antibody	This is a rabbit polyclonal antibody against PC4. It was validated on Western Blot and immunohistochemistry Target Description: PC4 (activated RNA polymerase II transcription cofactor 4) is a transcriptional coactivator, possessing the ability to suppress promoter-driven as well as nonspecific transcription via its DNA binding activity. The repressive activity of PC4 on promoter-driven transcription is alleviated by transcription factor TFIIF. TFIIF protects promoters from PC4-mediated repression by relieving the topological constraint imposed by PC4 through the ERCC3 helicase activity.
Product Categories/Family for anti-SUB1 antibody	Polyclonal; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	217330646
NCBI GeneID	10923
NCBI Accession #	NP_006704
NCBI GenBank Nucleotide #	NM_006713
UniProt Accession #	P53999
Molecular Weight	14kDa
NCBI Official Full Name	activated RNA polymerase II transcriptional coactivator p15
NCBI Official Synonym Full Names	SUB1 homolog, transcriptional regulator
NCBI Official Symbol	SUB1
NCBI Official Synonym Symbols	P15; PC4; p14
NCBI Protein Information	activated RNA polymerase II transcriptional coactivator p15
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-western-blot-immunohistochemistry-elisa/201796>