

Rabbit PRC1 Polyclonal Antibody | anti-PRC1 antibody

PRC1 (Phospho-Thr481) Antibody

CATALOG # AAA319477	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

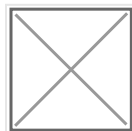
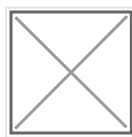
PRC1; Polyclonal Antibody; PRC1 (Phospho-Thr481) Antibody; Protein regulator of cytokinesis 1; anti-PRC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	The antibody detects endogenous PRC1Phospho occurs at Thr481
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PRC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Phospho peptide from human protein at AA range: 481
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

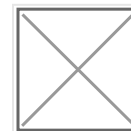
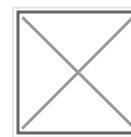
IMAGES

Application Data
Diluted at 1:20000



WB (Western Blot)

Western blot analysis of 293T VEC lysate, antibody was diluted at 500. Secondary antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ELISA

Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PRC1 (Phospho-Thr481) Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PRC1 antibody	This gene encodes a protein that is involved in cytokinesis. The protein is present at high levels during the S and G2/M phases of mitosis but its levels drop dramatically when the cell exits mitosis and enters the G1 phase. It is located in the nucleus during interphase, becomes associated with mitotic spindles in a highly dynamic manner during mitosis, and localizes to the cell mid-body during cytokinesis. This protein has been shown to be a substrate of several cyclin-dependent kinases (CDKs). It is necessary for polarizing parallel microtubules and concentrating the factors responsible for contractile ring assembly. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
Product Categories/Family for anti-PRC1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273870
NCBI GeneID	9055
UniProt Accession #	O43663; Q9BSB6; A6NC44; B4DLR1; H9KV59
Molecular Weight	620
NCBI Official Full Name	Protein regulator of cytokinesis 1
NCBI Official Synonym Full Names	protein regulator of cytokinesis 1
NCBI Official Symbol	PRC1
NCBI Official Synonym Symbols	ASE1
NCBI Protein Information	protein regulator of cytokinesis 1; PRC1; protein regulating cytokinesis 1; anaphase spindle elongation 1 homolog
UniProt Protein Name	Protein regulator of cytokinesis 1
UniProt Gene Name	PRC1
UniProt Entry Name	PRC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/prc1-antibody-immunohistochemistry-western-blot-elisa/319477>