

Rabbit PRC1 Polyclonal Antibody | anti-PRC1 antibody

PRC1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313975	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PRC1; Polyclonal Antibody; PRC1 Rabbit Polyclonal Antibody; ASE1; anti-PRC1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PRC1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PRC1 (NP_003972.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PRC1 at 1:1000 dilution.


IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cells using PRC1.

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.
Product Categories/Family for anti-PRC1 antibody	Primary Antibody

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prc1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/313975>