

Product datasheet for **TA350300S**

PRC1 Rabbit Polyclonal Antibody

Product data:

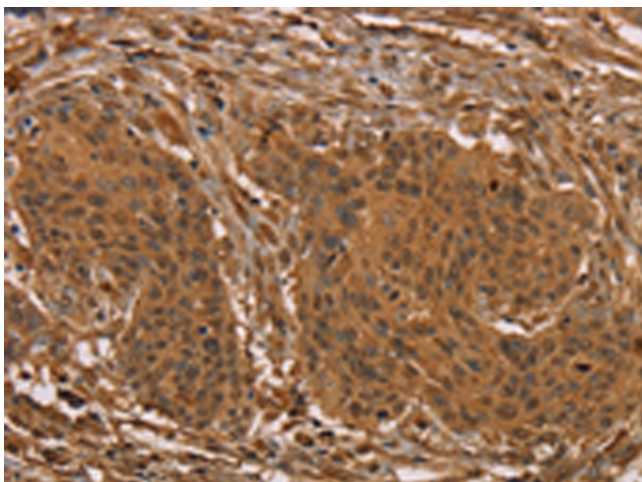
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PRC1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein regulator of cytokinesis 1
Database Link:	NP_955445 Entrez Gene 233406 Mouse Entrez Gene 9055 Human O43663

Background: 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.

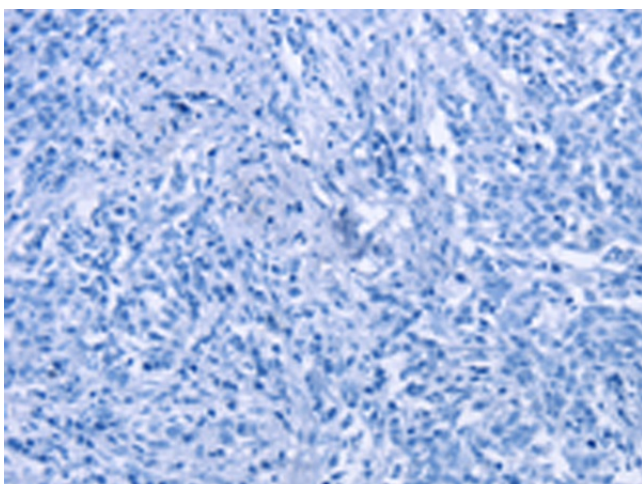
Synonyms: ASE1



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Product images:

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA350300] (PRC1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA350300] (PRC1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)