

ASTE1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18741a**Specification**

ASTE1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q2TB18
Other Accession	NP_054784.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	77093
Antigen Region	29-55

ASTE1 Antibody (N-term) - Additional Information**Gene ID** 28990**Other Names**

Protein asteroid homolog 1, ASTE1

Target/Specificity

This ASTE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-55 amino acids from the N-terminal region of human ASTE1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ASTE1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ASTE1 Antibody (N-term) - Protein Information**Name** ASTE1**Function** Structure-specific DNA endonuclease that specifically cleaves single-stranded DNA and

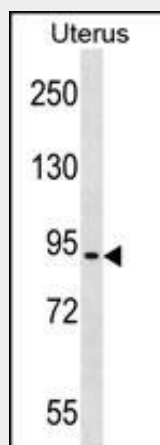
3' overhang DNA. Contributes to the control of DNA double-strand break repair choice by antagonizing BRCA1-dependent homologous recombination (HR) and promoting non-homologous end-joining (NHEJ). Recruited to the single-stranded DNA ends by SHLD2 and cleaves the 3' exposed DNA ends, therefore inhibiting DNA end resection (necessary for HR) and promoting DNA end protection (necessary for NHEJ).

ASTE1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ASTE1 Antibody (N-term) - Images



ASTE1 Antibody (N-term)(Cat. #AP18741a) western blot analysis in Uterus tissue lysates (35ug/lane). This demonstrates the ASTE1 antibody detected the ASTE1 protein (arrow).

ASTE1 Antibody (N-term) - Background

ASTE1 is possible role in EGF receptor signaling (By similarity).

ASTE1 Antibody (N-term) - References

Tougeron, D., et al. Mod. Pathol. 22(9):1186-1195(2009)