10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

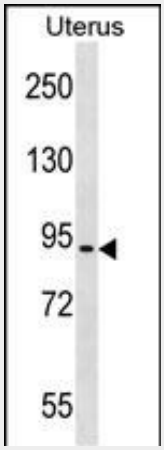
3' overhang DNA. Contributes to the control of DNA double-strand break repair choice by antagonizing BRCA1-dependent homologous recombination (HR) and promoting non-homologous end-joining (NHEJ). Recruited to the single-stranded DNA ends by SHLD2 and cleaves the 3' exposed DNA ends, therefore inhibiting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