

CSE1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001307.2

Catalog No. A300-472A

GeneID 1434

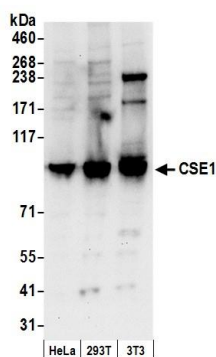
Lot No. A300-472A-2



APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CSE1 immobilized on solid support. The epitope recognized by A300-472A maps to a region between residues 1 and 50 of human Chromosome Segregation-1 using the numbering given in entry NP_001307.2 (GeneID 1434). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.						
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. <table><tr><td>Western Blot</td><td>1:1,000 – 1:5,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:2,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:1,000 – 1:5,000	Immunoprecipitation	2 – 10 µg/mg lysate	Immunohistochemistry	1:2,000 – 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.						
IHC HUMAN CONTROLS	Bone Marrow-Metastatic Carcinoma, Breast Carcinoma, Metastatic Lymph Node, Ovarian Carcinoma, Testicular Seminoma						
IHC MOUSE CONTROLS	Plasmacytoma, Squamous Cell Carcinoma						
ADDITIONAL INFO	https://www.bethyl.com/product/A300-472A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB						

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019

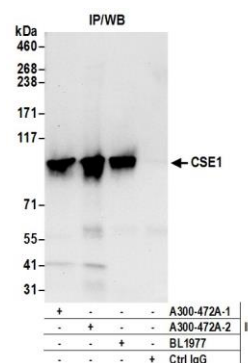


Detection of human and mouse CSE1 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.

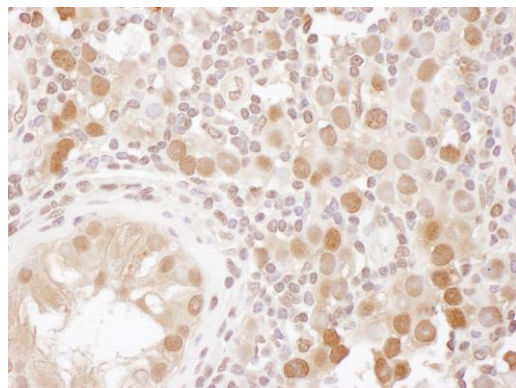
Antibody: Affinity purified rabbit anti-CSE1 antibody A300-472A (lot A300-472A-2) used for WB at 0.4 µg/ml.

Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of human CSE1 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-CSE1 antibody A300-472A (lot A300-472A-2) used for IP at 6 µg per reaction. CSE1 was also immunoprecipitated by a previous lot of this antibody (A300-472A-1) and rabbit anti-CSE1 antibody BL1977. For blotting immunoprecipitated CSE1, A300-472A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.

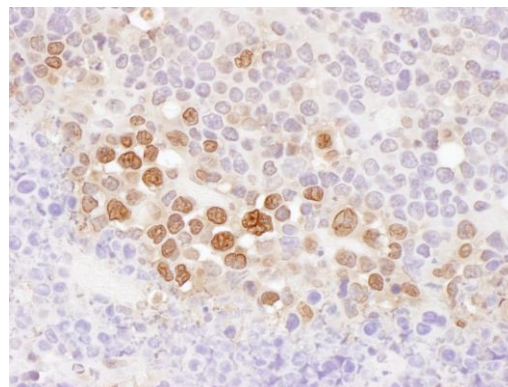


Detection of human CSE1 by immunohistochemistry.

Sample: FFPE section of human testicular seminoma.

Antibody: Affinity purified rabbit anti-CSE1 (Cat. No. A300-472A Lot2) used at a dilution of 1:5,000 (0.2µg/ml).

Detection: DAB



Detection of mouse CSE1 by immunohistochemistry.

Sample: FFPE section of mouse plasmacytoma. **Antibody:** Affinity purified rabbit anti-CSE1 (Cat. No. A300-472A Lot2) used at a dilution of 1:5,000 (0.2µg/ml). **Detection:** DAB