

Rabbit anti-Human CAP1 Polyclonal Antibody | anti-CAP1 antibody

Rabbit anti-CAP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212757	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CAP1; Polyclonal Antibody; Rabbit anti-CAP1 Antibody; Affinity Purified; CAP; testis secretory sperm-binding protein Li 218p; CAP1-PEN; CAP 1; adenylyl cyclase-associated protein 1; adenylate cyclase associated protein 1; adenylate cyclase-associated protein 1; Adenylyl cyclase-associated protein 1; cyclase associated actin cytoskeleton regulatory protein 1; anti-CAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CAP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



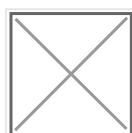
WB (Western Blot)

Detection of human CAP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAP1 antibody AAA212757 (lot AAA212757-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CAP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CAP1 antibody AAA212757 (lot AAA212757-1) used for IP at 6 ug per reaction. CAP1 was also immunoprecipitated by rabbit anti-CAP1 antibody BL17196. For blotting immunoprecipitated CAP1, AAA212757 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human CAP1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-CAP1 (Cat. No. AAA212757 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CAP1 antibody	Adenylyl cyclase-associated protein 1 (CAP1) directly regulates filament dynamics and has been implicated in a number of complex developmental and morphological processes, including mRNA localization and the establishment of cell polarity [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q01518].
Product Categories/Family for anti-CAP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453595
NCBI GeneID	10487
NCBI Accession #	NP_006358.1
NCBI GenBank Nucleotide #	NM_006367.3
UniProt Accession #	Q01518; Q53HR7; Q5T0S1; Q5T0S2; Q6I9U6
Molecular Weight	51,830 Da
NCBI Official Full Name	adenylyl cyclase-associated protein 1 isoform a
NCBI Official Synonym Full Names	cyclase associated actin cytoskeleton regulatory protein 1
NCBI Official Symbol	CAP1
NCBI Official Synonym Symbols	CAP; CAP1-PEN
NCBI Protein Information	adenylyl cyclase-associated protein 1
UniProt Protein Name	Adenylyl cyclase-associated protein 1
UniProt Gene Name	CAP1
UniProt Synonym Gene Names	CAP; CAP 1
UniProt Entry Name	CAP1_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.