

Rabbit anti-Human, Mouse CKII alpha' Polyclonal Antibody | anti-CKIIalpha antibody

Rabbit anti-CKII alpha' Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210816	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

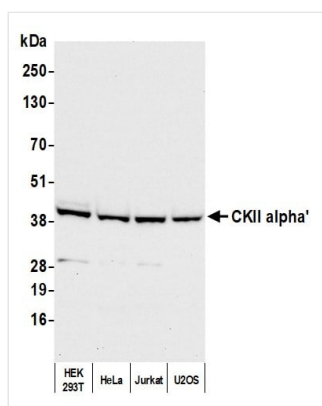
PRODUCT SYNONYMS

CKII alpha'; Polyclonal Antibody; Rabbit anti-CKII alpha' Antibody; Affinity Purified; casein kinase II subunit alpha'; CSNK2A1; CK2alpha'; CK II alpha'; casein kinase 2; alpha prime polypeptide; casein kinase 2 alpha'; CK2A2; Casein kinase II subunit alpha'; casein kinase 2 alpha 2; anti-CKIIalpha antibody

PRODUCT SPECIFICATIONS

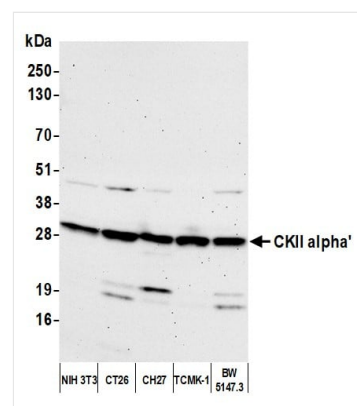
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CKIIalpha antibody	IP (Immunoprecipitation),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

IMAGES



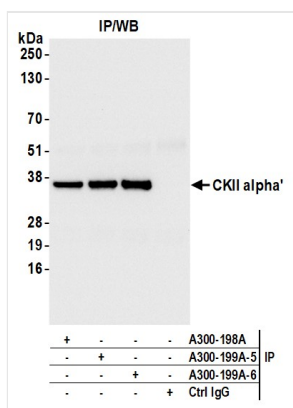
WB (Western Blot)

Detection of human CKII alpha' by western blot. Samples: Whole cell lysate (25 ug) from HEK293T, HeLa, Jurkat, and U2OS cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CKII alpha' antibody (AAA210816 lot 6) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of mouse CKII alpha' by western blot. Samples: Whole cell lysate (25 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CKII alpha' antibody (AAA210816 lot 6) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human CKII alpha' by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CKII alpha' antibody (AAA210816 lot 6) used for IP at 6 ug per reaction. CKII alpha' was also immunoprecipitated by a previous lot of this antibody (AAA210816 lot 5) and a second antibody against a different epitope of CKII alpha' . For blotting immunoprecipitated CKII alpha', AAA210816 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-CKIIalpha antibody	Casein kinase II (CKII) is a serine/threonine protein kinase that is required for progression through the cell cycle but whose major functions are not clearly understood. CKII is composed of a heterotetrameric complex that includes alpha and alpha-prime catalytic subunits and a beta non-catalytic subunit. Although from independent genes, CKII alpha and CKII alpha-prime can compensate for each other for some functions. However in response to ionizing radiation (IR) damage, CKII alpha and CKII alpha-prime appear to function independently in inhibiting apoptosis signaling.
Product Categories/Family for anti-CKIIalpha antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503097
NCBI GeneID	1459
NCBI Accession #	NP_001887.1
NCBI GenBank Nucleotide #	NM_001896.2
UniProt Accession #	P19784
Molecular Weight	41kDa
NCBI Official Full Name	casein kinase II subunit alpha'
NCBI Official Synonym Full Names	casein kinase 2 alpha 2
NCBI Official Symbol	CSNK2A2
NCBI Official Synonym Symbols	CK2A2; CSNK2A1; CK2alpha'
NCBI Protein Information	casein kinase II subunit alpha'
UniProt Protein Name	Casein kinase II subunit alpha'
UniProt Gene Name	CSNK2A2
UniProt Synonym Gene Names	CK2A2; CK II alpha'
UniProt Entry Name	CSK22_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ckii-alpha-antibody-immunoprecipitation-western-blot-elisa/210816>