

Rabbit anti-Human CKI epsilon Polyclonal Antibody | anti-CKIepsilon antibody

Rabbit anti-CKI epsilon Antibody, Affinity Purified

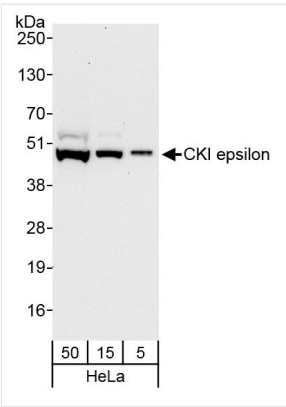
CATALOG # AAA211775	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

CKI epsilon; Polyclonal Antibody; Rabbit anti-CKI epsilon Antibody; Affinity Purified; CKIε; HCKIE; casein kinase I isoform epsilon; CKIepsilon; CKI-epsilon; Casein kinase I isoform epsilon; casein kinase 1 epsilon; anti-CKIepsilon antibody

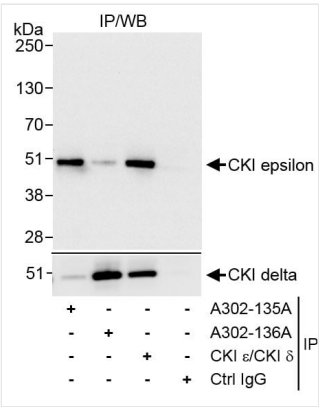
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CKIepsilon antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Chicken
Immunogen	Between 366 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human CKI epsilon by western blot. Samples: Whole cell lysate (5, 15, and 50 ug) from HeLa cells. Antibody: Affinity purified rabbit anti-CKI epsilon antibody AAA211775 (lot AAA211775-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CKI epsilon by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CKI epsilon antibody AAA211775 (lot A302-0135A-1) used for IP at 10 ug/mg lysate. CKI epsilon was also immunoprecipitated by a rabbit antibody (BL7891) directed to an epitope that is common to CKI epsilon and CKI delta. CKI delta was immunoprecipitated and blotted using For blotting immunoprecipitated CKI epsilon, AAA211775 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CKIepsilon antibody	CKI epsilon is a member of the casein kinase 1 (CK1) serine/threonine kinase family of proteins. In mammals, there are seven distinct genes that represent the CK1 family: alpha, beta, gamma-1, gamma-2, gamma-3, delta, and epsilon. CKI epsilon phosphorylates a large number of proteins and is involved in pathways involving Wnt and AKT. CKI epsilon has been found to bind and phosphorylate the circadian protein, Period, and the Wnt signaling protein, Dsh. In the Wnt pathway, CKI epsilon activity is required for the full activation of Dsh and downstream signaling effects.
Product Categories/Family for anti-CKIepsilon antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503093
NCBI GeneID	1454
NCBI Accession #	NP_001885.1
NCBI GenBank Nucleotide #	NM_001894.4
UniProt Accession #	P49674
Molecular Weight	47,315 Da
NCBI Official Full Name	casein kinase I isoform epsilon
NCBI Official Synonym Full Names	casein kinase 1, epsilon
NCBI Official Symbol	CSNK1E
NCBI Official Synonym Symbols	HCKIE; CKIepsilon
NCBI Protein Information	casein kinase I isoform epsilon; CKIε; CKI-epsilon
UniProt Protein Name	Casein kinase I isoform epsilon
UniProt Gene Name	CSNK1E
UniProt Synonym Gene Names	CKI-epsilon; CKIε

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/cki-epsilon-antibody-immunoprecipitation-western-blot-elisa/211775>