

Rabbit CKII alpha (CSNK2A1) Polyclonal Antibody | anti-CSNK2A1 antibody

CKII alpha (CSNK2A1) Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284151	Rabbit	Human, mouse, rat (Predicted Reactivity: Bovine, Chicken, Rabbit, Rat, Xenopus)	Immunohistochemistry, ELISA, Western Blot

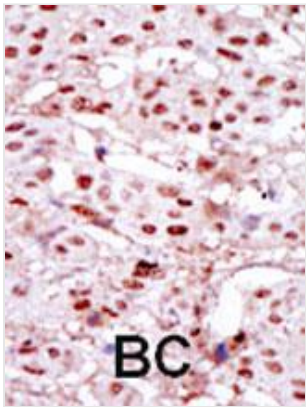
PRODUCT SYNONYMS

CKII alpha (CSNK2A1); Polyclonal Antibody; CKII alpha (CSNK2A1) Antibody (Center); Casein kinase II subunit alpha; CK II alpha; CSNK2A1; CK2A1; anti-CSNK2A1 antibody

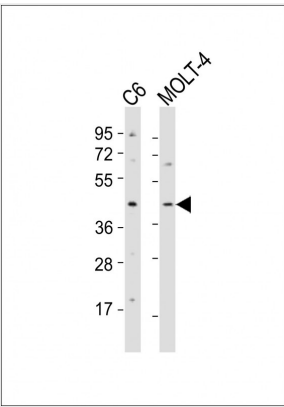
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat (Predicted Reactivity: Bovine, Chicken, Rabbit, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CKII alpha (CSNK2A1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 240-269 amino acids from the Central region of human CKII alpha (CSNK2A1).
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	240-269
Sequence Length	391
Applicable Applications for anti-CSNK2A1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma



WB (Western Blot)
All lanes : Anti-CSNK2A1 Antibody (Y255) at 1:2000 dilution
Lane 1: C6 whole cell lysates
Lane 2: MOLT-4 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 45 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK2A1 antibody	Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation.
Product Categories/Family for anti-CSNK2A1 antibody	Cancer; Cell Biology; Signal transduction
References	Miyata, Y., et al., Mol. Cell. Biol. 24(9):4065-4074 (2004). Loizou, J.I., et al., Cell 117(1):17-28 (2004). Filhol, O., et al., EMBO Rep. 5(4):351-355 (2004). Kulartz, M., et al., Biochem. Biophys. Res. Commun. 315(4):1011-1017 (2004). Sachs, N.A., et al., J. Neurochem. 88(1):51-62 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503095
NCBI GeneID	1457
NCBI Accession #	NP_001886.1; NP_808227.1; NP_808228.1
NCBI GenBank Nucleotide #	NM_001895.3
UniProt Accession #	P68400; P19138; P20426; Q14013; Q5U065; B4DYS6; D3DVV8; Q8NEV1
Molecular Weight	45144
NCBI Official Full Name	casein kinase II subunit alpha isoform a
NCBI Official Synonym Full Names	casein kinase 2, alpha 1 polypeptide
NCBI Official Symbol	CSNK2A1
NCBI Official Synonym Symbols	CKII; CK2A1; CSNK2A3
NCBI Protein Information	casein kinase II subunit alpha
UniProt Protein Name	Casein kinase II subunit alpha
UniProt Gene Name	CSNK2A1
UniProt Synonym Gene Names	CK2A1; CK II alpha

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-csnk2a1-antibody-immunohistochemistry-western-blot-elisa/284151>