

Rabbit anti-Human Chk2 Polyclonal Antibody | anti-Chk2 antibody

Rabbit anti-Chk2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211056	Rabbit	Human	Immunoprecipitation, Western Blot

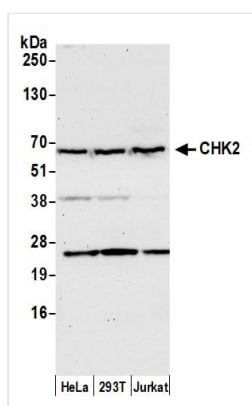
PRODUCT SYNONYMS

Chk2; Polyclonal Antibody; Rabbit anti-Chk2 Antibody; Affinity Purified; hCds1; serine/threonine-protein kinase Chk2; RAD53; PP1425; LFS2; HuCds1; CHK2; checkpoint-like protein CHK2; Checkpoint kinase 2; CHK2 checkpoint homolog; CDS1; cds1 homolog; Serine/threonine-protein kinase Chk2; checkpoint kinase 2; anti-Chk2 antibody

PRODUCT SPECIFICATIONS

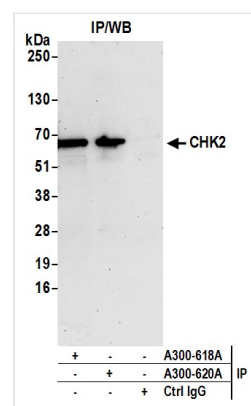
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Chk2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 493 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 CHK2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CHK2 antibody AAA211056 (lot AAA211056-2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human CHK2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CHK2 antibody AAA211056 (lot AAA211056-2) used for IP at 6 ug per reaction. CHK2 was also immunoprecipitated by rabbit anti-CHK2 antibody For blotting immunoprecipitated CHK2, AAA211056 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-Chk2 antibody	Chk2 functions as a checkpoint protein kinase in response to DNA damage to maintain genomic stability. The yeast homologs are RAD53 and Cds1. The two major upstream controllers of Chk2 are ATM and ATR which are part of the phosphatidylinositol 3-kinase family. When activated, Chk2 targets p53, Brca1, Cdc25A and Cdc25C to cause cell cycle arrest. Chk2 is also known as serine/threonine-protein kinase CHK2, CHEK2, CDS1, LFS2, RAD53, HuCds1, and PP1425.
Product Categories/Family for anti-Chk2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005850
NCBI GeneID	11200
NCBI Accession #	NP_009125.1
NCBI GenBank Nucleotide #	NM_007194.3
UniProt Accession #	O96017; Q6QA03; Q6QA04; Q6QA05; Q6QA06; Q6QA07; Q6QA08; Q6QA10; A8K3Y9; B7ZBF3; B7ZBF4; B7ZBF5
Molecular Weight	36,157 Da
NCBI Official Full Name	serine/threonine-protein kinase Chk2 isoform a
NCBI Official Synonym Full Names	checkpoint kinase 2
NCBI Official Symbol	CHEK2
NCBI Official Synonym Symbols	CDS1; CHK2; LFS2; RAD53; hCds1; HuCds1; PP1425
NCBI Protein Information	serine/threonine-protein kinase Chk2; cds1 homolog; CHK2 checkpoint homolog; checkpoint-like protein CHK2
UniProt Protein Name	Serine/threonine-protein kinase Chk2
UniProt Gene Name	CHEK2
UniProt Synonym Gene Names	CDS1; CHK2; RAD53; Hucds1; hCds1
UniProt Entry Name	CHK2_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://www.aaabiotech.com/polyclonal/chk2-antibody-immunoprecipitation-western-blot-elisa/211056>