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

Chk2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269310	**Rabbit**	**Human**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Chk2; Monoclonal Antibody; Chk2 Rabbit mAb; CHEK2; CDS1; CHK2; RAD53; Serine/threonine-protein kinase Chk2; CHK2 checkpoint homolog; Cds1 homolog; Hucds1; hCds1; Checkpoint kinase 2; anti-Chk2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-1B4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-Chk2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Chk2
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of Chk2 in K562, Hela lysates using Chk2 antibody.

ICC (Immunocytochemistry)
Immunocytochemistry analysis of Chk2 (green) in HCT116 using Chk2 antibody,and DAPI(blue).

ADDITIONAL INFORMATION

Related Product Information for anti-Chk2 antibody	These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function
Product Categories/Family for anti-Chk2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112407
NCBI GeneID	11200

NCBI Accession #	NP_001005735.1
NCBI GenBank Nucleotide #	NM_001005735.1
UniProt Accession #	O96017; Q6QA03; Q6QA04; Q6QA05; Q6QA06; Q6QA07; Q6QA08; Q6QA10; A8K3Y9; B7ZBF3; B7ZBF4; B7ZBF5
Molecular Weight	60,915 Da
NCBI Official Full Name	serine/threonine-protein kinase Chk2 isoform c
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://stage.aaabiotech.com/monoclonal/chk2-antibody-clone-r06-1b4-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/269310