

CDK4 (Phospho-Thr172) Antibody

Catalog No: #12403

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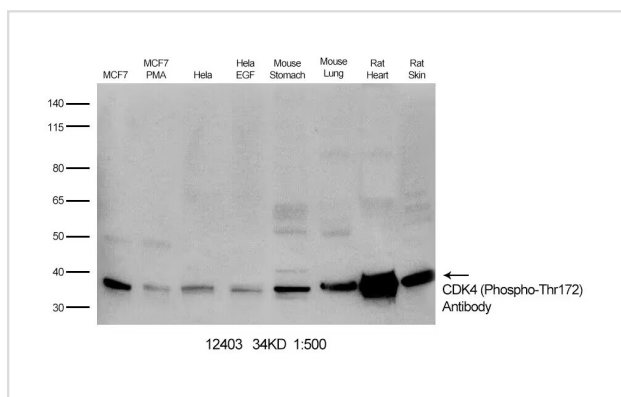
Description

Product Name	CDK4 (Phospho-Thr172) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	CDK4 (Phospho-Thr172) Antibody detects endogenous levels of CDK4 only when phosphorylated at Thr172
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human CDK4 (Phospho-Thr172)
Target Name	CDK4
Modification	Phospho
Other Names	CDK4, Cell division protein kinase 4, Crk3, Cyclin-dependent kinase 4, CMM3, p34/cdk4, PSK-J3
Accession No.	Swiss-Prot#: P11802NCBI Gene ID: 1019
Target Species	human
Calculated MW	34kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Images



Western blot analysis of CDK4 (Phospho-Thr172) on different lysates using CDK4 (Phospho-Thr172) Antibody #12403 at 1/500 dilution.

Published Papers

el at., Monoclonal antibodies to activated CDK4: use to investigate normal and cancerous cell cycle regulation and involvement of phosphorylations of p21 and p27. In Cell Cycle on 2022 Jan by Katia Coulonval, Vincent Vercruysse, et al..PMID:34913830, , (2022)

[PMID:34913830](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.