

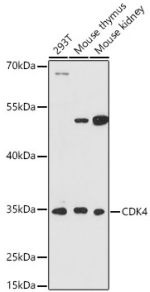
## Anti-Cdk4 Antibody (A309050)

### Specifications:

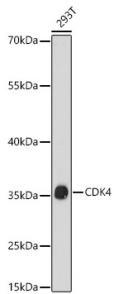
Name:	Anti-Cdk4 Antibody
Description:	Rabbit polyclonal antibody to Cdk4.
Applications:	WB, IHC, ICC/IF, IP
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:100, IP: 1:50-1:200, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-303 of human CDK4 (NP_000066.1).
Sequence:	VGCIFAEMFRRKPLFCGNSEADQLGKIFDLIGLPPEDDWPRDVSLPRGAFPPRGPRPV QSVVPEMEESGAQLLLEMLTFNPHKRISAFRALQHSYLHKDEGNPE
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	35 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-Cdk4 Antibody (A309050)

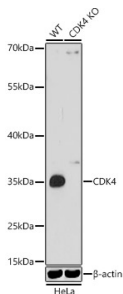
### Images:



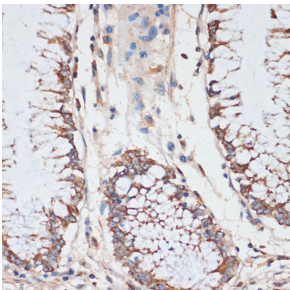
Western blot analysis of extracts of various cell lines, using Anti-Cdk4 Antibody (A309050) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts of 293T cells, using Anti-Cdk4 Antibody (A309050) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts from wild type (WT) and CDK4 knockout (KO) HeLa cells, using Anti-Cdk4 Antibody (A309050) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded human colon tissue using Anti-Cdk4 Antibody (A309050) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.