

Anti-CDK4 antibody (200-303) (STJ23055)

STJ23055

GENERAL INFORMATION

Product Type Primary antibodies

Short Description

Applications WB/IF/ICC/IP/ELISA

Host/Source Rabbit Reactivity Human/Mouse

PRODUCT PROPERTIES

Clonality Polyclonal

Clone ID Concentration

Dilution Range

oncentration Lot specific
Conjugation Unconjugated
Purification Affinity purification

WB:1:500-1:1000 IF/ICC:1:50-1:200

IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells

ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay

requirements

Formulation PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.

Isotype IgG

Storage Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

Instruction

TARGET INFORMATION

Gene ID 1019

Gene Symbol CDK4 Uniprot ID CDK4_HUMAN

Immunogen

Immunogen 200-303

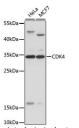
Regio

on 200-000

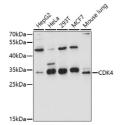
Specificity A synthetic peptide corresponding to a sequence within amino acids 200-303 of human CDK4 (NP_000066.1).

Immunogen VGCIFAEMFRRKPLFCGNSE ADQLGKIFDLIGLPPEDDWP RDVSLPRGAFPPRGPRPVQS VVPEMEESGAQLLLEMLTFN

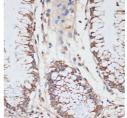
Sequence PHKRISAFRALQHSYLHKDE GNPE



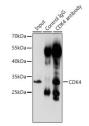
Western blot analysis of extracts of various cell lines, using CDK4 antibody (STL29355 at 1:1000 dilution Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:



Western blot analysis of extracts of various cell lines using CDK4 artibody (STJ23055) at 1:1000 dilution Secondary antibody; HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane Blocking buffer: 3% nonfat dry milk in TBST. Detection ECL Basic Kit. Exposure time: 3min.



Immunohistochemistry of paraffin-embedded human colon using CDK4 antibody (STJ23055) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7, 2 before commencing with immunohistochemistry stating representations.



Immunoprecipitation analysis of 200ug extracts of 293T cells using 3ug CDK4 antibody (STJ23055). Western blot was performed from the immunoprecipitate using