

Anti-CDK4 antibody (STJ23055)

STJ23055

GENERAL INFORMATION

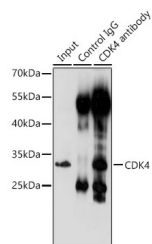
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|--------------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Rabbit polyclonal anti-CDK4 antibody is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation. |
| Background Applications | WB, IHC, IF, IP |
| Host/Source | Rabbit |
| Reactivity | Human, Mouse, Rat |

PRODUCT PROPERTIES

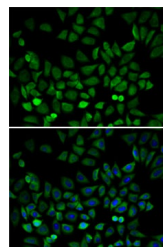
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|----------------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| Concentration | |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 IP: 1:50-1:200 |
| Formulation | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Isotype | IgG |
| Storage Instruction | Store at -20°C. Avoid freeze/thaw cycles. |

TARGET INFORMATION

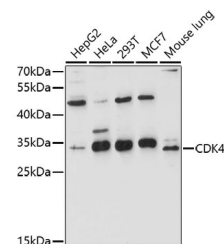
| | |
|---------------------------|--|
| Gene ID | 1019 |
| Gene Symbol | CDK4 |
| Uniprot ID | CDK4_HUMAN |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 1-303 of human CDK4 (NP_000066.1). |
| Immunogen Region | |
| Specificity | |
| Immunogen Sequence | |



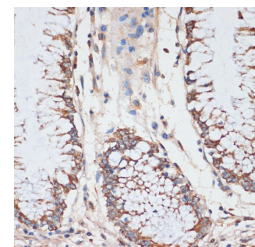
Immunoprecipitation analysis of 200µg extracts of 293T cells using 3µg CDK4 antibody (STJ23055). Western blot was performed from the immunoprecipitate using CDK4 antibody (STJ23055) at a dilution of 1:1000.



Immunofluorescence analysis of A-549 cells using CDK4 antibody (STJ23055). Blue: DAPI for nuclear staining.



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



Immunohistochemistry of paraffin-embedded human colon using CDK4 antibody (STJ23055) at dilution of 1:100 (40x lens).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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