

CSK22 Rabbit pAb

CatalogNo: YN1864

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 38kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

CSK22 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

CSNK2A2 CK2A2

Protein Name

Casein kinase II subunit alpha' (CK II alpha') (EC 2.7.11.1)

Organism**Gene ID****UniProt ID**

Human

[1459;](#)[P19784;](#)

Mouse

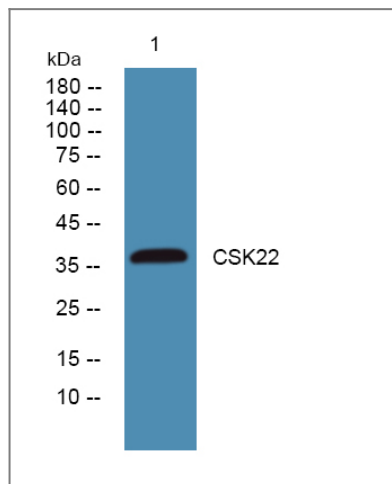
[O54833;](#)**Cellular Localization**

Nucleus . Cytoplasm . Interaction with SIRT6 prevents translocation into the nucleus. .

Tissue specificity Ovary,**Function**

Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Function:Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. The alpha and alpha' chains contain the catalytic site. Participates in Wnt signaling. CK2 phosphorylates 'Ser-392' of p53/TP53 following UV irradiation.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CK2 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Tetramer composed of an alpha chain, an alpha' and two beta chains. Also component of a CK2-SPT16-SSRP1 complex composed of SSRP1, SUPT16H, CSNK2A1, CSNK2A2 and CSNK2B, the complex associating following UV irradiation.,

Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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