

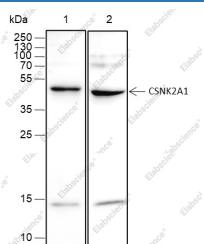
Recombinant CSNK2A1 Monoclonal Antibody

catalog number: AN301754L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

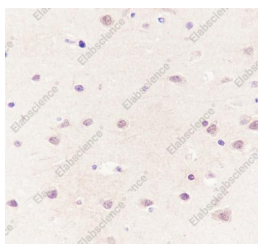
Description	
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human CSNK2A1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131376
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:1000
FCM	1:20-1:50

Data

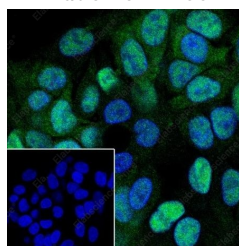


Western Blot with CSNK2A1 Monoclonal Antibody at dilution of 1:2000. Lane 1: Jurkat, Lane 2: C6

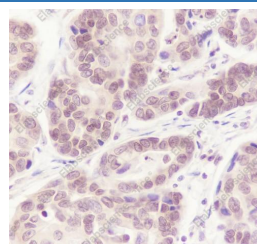
Observed-MW:45 kDa
Calculated-MW:45 kDa



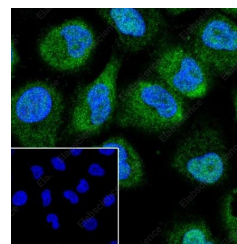
Immunohistochemistry of paraffin-embedded Human cerebrum using CSNK2A1 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HepG2 cells using anti-CSNK2A1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human breast cancer using CSNK2A1 Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed A549 cells using anti-CSNK2A1 Monoclonal Antibody at dilution of 1:200.

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Rev. V1.4

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Casein kinase II subunit alpha (CSNK2A1) is a catalytic subunit of a constitutively active serine/threonine-protein kinase complex that phosphorylates a large number of substrates containing acidic residues C-terminal to the phosphorylated serine or threonine. CSNK2A1 regulates numerous cellular processes, such as cell cycle progression, apoptosis and transcription, as well as viral infection. During mitosis, CSNK2A1 functions as a component of the p53/TP53-dependent spindle assembly checkpoint (SAC) that maintains cyclin-B-CDK1 activity and G2 arrest in response to spindle damage.

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