

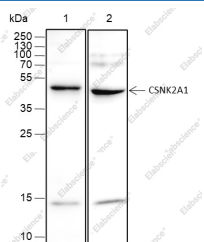
Recombinant CSNK2A1 Monoclonal Antibody

catalog number: **AN301754L**

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

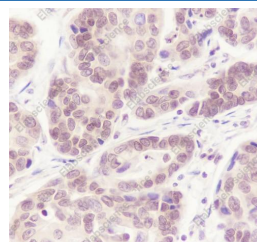
Description	
Reactivity	Human;Rat
Immunogen	Recombinant human CSNK2A1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C711376
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:100
IF	1:100-1:200

Data

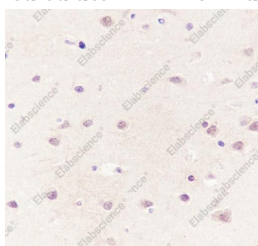


Western Blot with CSNK2A1 Monoclonal Antibody at dilution of 1:2000. Lane 1: Jurkat, Lane 2: C6

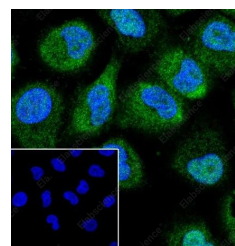
Observed-MW:45 kDa
Calculated-MW:45 kDa



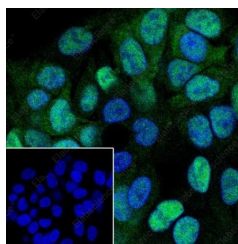
Immunohistochemistry of paraffin-embedded Human breast cancer using CSNK2A1 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human cerebrum 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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Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.3

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

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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