

For Research Use Only

# CSNK1A1 Monoclonal antibody, PBS Only

Catalog Number: 68434-1-PBS



## Basic Information

Catalog Number:

68434-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

NM\_001892

GeneID (NCBI):

1452

UNIPROT ID:

P48729

Full Name:

casein kinase 1, alpha 1

Calculated MW:

42 kDa

Observed MW:

30-40 kDa

Purification Method:

Protein G purification

CloneNo.:

1E2E7

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

CSNK1A1, also named as CK1, belongs to the protein kinase superfamily, CK1 Ser/Thr protein kinase family and Casein kinase I subfamily. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. CSNK1A1 can phosphorylate a large number of proteins. It participates in Wnt signaling. CSNK1A1 phosphorylates CTNNB1 at 'Ser-45'. May play a role in segregating chromosomes during mitosis. This antibody is specific to CSNK1A1.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

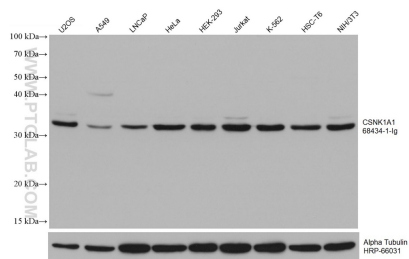
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68434-1-Ig (CSNK1A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68434-1-PBS in a different storage buffer formulation.