

For Research Use Only

CSNK2B Polyclonal antibody

Catalog Number: 20234-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

20234-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001320

GeneID (NCBI):

1460

UNIPROT ID:

P67870

Full Name:

casein kinase 2, beta polypeptide

Calculated MW:

25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, FC (Intra), ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HepG2 cells, MCF-7 cells, A431 cells, HeLa cells

IHC : human breast cancer tissue,

Background Information

CSNK2B, also named as CK2N, G5A and CKII beta, belongs to the casein kinase 2 subunit beta family. CSNK2B participates in Wnt signaling. It plays a complex role in regulating the basal catalytic activity of the alpha subunit. The antibody is specific to CSNK2B.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Fang	35584581	Phytomedicine	WB
Lijun Dai	34381332	Front Mol Neurosci	WB,IF
Ming Kong	34454163	Redox Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

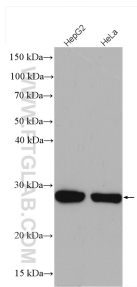
T: 4006900926

E: Proteintech-CN@ptglab.com

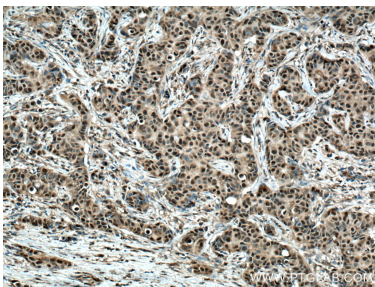
W: ptgcn.com

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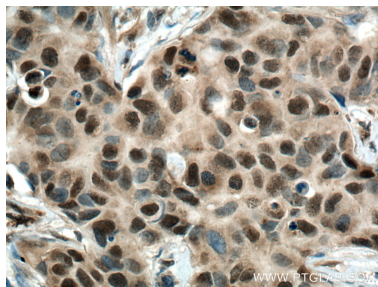
Selected Validation Data



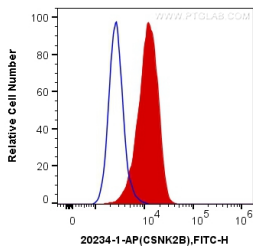
Various lysates were subjected to SDS PAGE followed by western blot with 20234-1-AP (CSNK2B-specific antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20234-1-AP (CSNK2B-specific antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20234-1-AP (CSNK2B-specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Anti-Human CSNK2B-specific (20234-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).