

Product Datasheet

CSNK1A1/CSNK1A1L Antibody (PSH04-58) NBP3-33146

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-33146

CSNK1A1/CSNK1A1L Antibody (PSH04-58)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH04-58
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	39 kDa

Product Description	
Host	Rabbit
Gene ID	1452
Gene Symbol	CSNK1A1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human CSNK1A1 aa 1-337 / 337. (Uniprot: P48729)

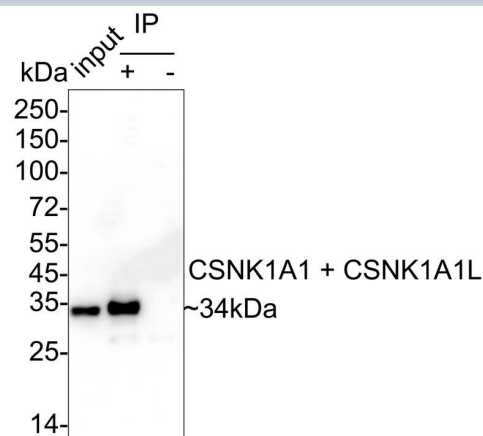
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:500, Immunoprecipitation 1-2ug/sample, Immunohistochemistry-Paraffin 1:1000

Images

Immunoprecipitation: CSNK1A1/CSNK1A1L Antibody (PSH04-58) [NBP3-33146] - CSNK1A1/CSNK1A1L was immunoprecipitated from 0.2 mg HeLa cell lysate with NBP3-33146 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-33146 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: HeLa cell lysate (input)
 Lane 2: NBP3-33146 IP in HeLa cell lysate
 Lane 3: Rabbit IgG instead of NBP3-33146 in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
 Exposure time: 1 minute 11 seconds; ECL



Western Blot: CSNK1A1/CSNK1A1L Antibody (PSH04-58) [NBP3-33146] - Western blot analysis of CSNK1A1/CSNK1A1L on different lysates with Rabbit anti-CSNK1A1/CSNK1A1L antibody (NBP3-33146) at 1/2,000 dilution.

Lane 1: HCT 116 cell lysate (20 ug/Lane)
 Lane 2: HeLa cell lysate (20 ug/Lane)
 Lane 3: HEK-293 cell lysate (20 ug/Lane)
 Lane 4: MCF7 cell lysate (20 ug/Lane)
 Lane 5: Jurkat cell lysate (20 ug/Lane)
 Lane 6: NIH/3T3 cell lysate (20 ug/Lane)
 Lane 7: RAW264.7 cell lysate (20 ug/Lane)
 Lane 8: PC-12 cell lysate (20 ug/Lane)
 Lane 9: Mouse brain tissue lysate (40 ug/Lane)
 Lane 10: Rat brain tissue lysate (40 ug/Lane)
 Lane 11: Mouse kidney tissue lysate (40 ug/Lane)
 Lane 12: Rat kidney tissue lysate (40 ug/Lane)
 Lane 13: Mouse spleen tissue lysate (40 ug/Lane)
 Lane 14: Rat spleen tissue lysate (40 ug/Lane)

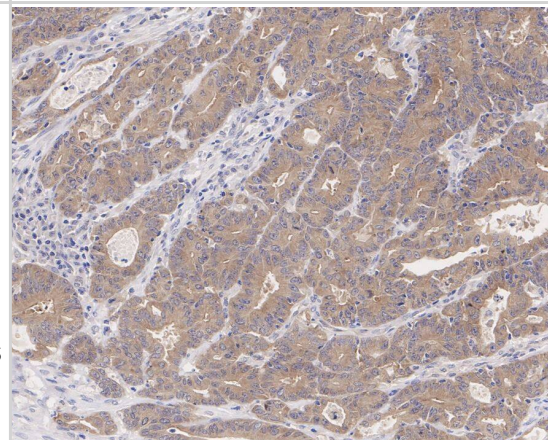
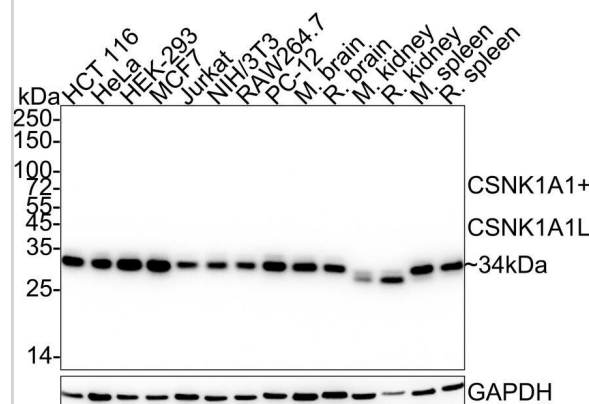
Predicted band size: 39 kDa
 Observed band size: 34 kDa

Exposure time: 15 seconds; ECL;
 4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33146) at 1/2,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: CSNK1A1/CSNK1A1L Antibody (PSH04-58) [NBP3-33146] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-CSNK1A1/CSNK1A1L antibody (NBP3-33146) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-33146) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



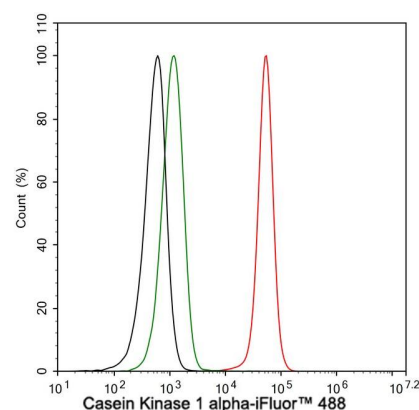
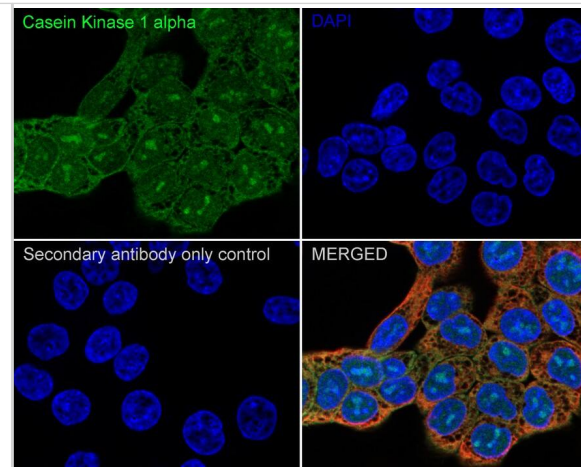
Immunocytochemistry/ Immunofluorescence: CSNK1A1/CSNK1A1L Antibody (PSH04-58) [NBP3-33146] - Immunocytochemistry analysis of HCT 116 cells labeling CSNK1A1/CSNK1A1L with Rabbit anti-CSNK1A1/CSNK1A1L antibody (NBP3-33146) at 1/500 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-CSNK1A1/CSNK1A1L antibody (NBP3-33146) at 1/500 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: CSNK1A1/CSNK1A1L Antibody (PSH04-58) [NBP3-33146] - Flow cytometric analysis of HCT 116 cells labeling CSNK1A1/CSNK1A1L.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-33146, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-33146

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00149420-P01-10ug	Recombinant Human PDIK1L GST (N-Term) Protein

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