

Mouse Csnk1g3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5007

Specification

Mouse Csnk1g3 Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	O8C4X2
Other Accession	O62763 , NP_690022.2 , XP_001478579.1
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=51;M=49;Rat=51 KDa
Isotype	Rabbit IgG
Antigen Source	MOUSE

Mouse Csnk1g3 Antibody (C-term) - Additional Information

Gene ID 70425

Antigen Region
333-361

Other Names
Csnk1g3; Casein kinase I isoform gamma-3

Dilution
WB~~1:1000
IHC-P~~1:10~50
FC~~1:25

Target/Specificity
This Mouse Csnk1g3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-361 amino acids from the C-terminal region of mouse Csnk1g3.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Csnk1g3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Csnk1g3 Antibody (C-term) - Protein Information

Name Csnk1g3

Function

Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling (By similarity). Regulates fast synaptic transmission mediated by glutamate.

Cellular Location

Cytoplasm.

Tissue Location

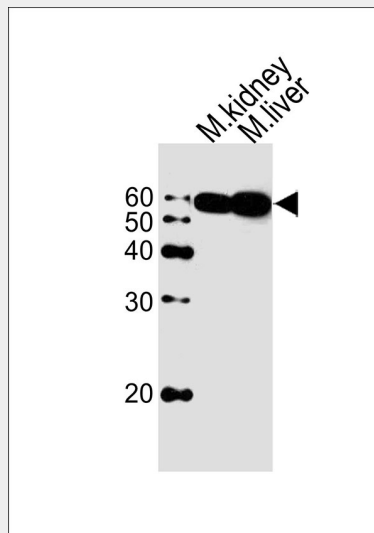
Expressed in both the striatum and the neocortex.

Mouse Csnk1g3 Antibody (C-term) - Protocols

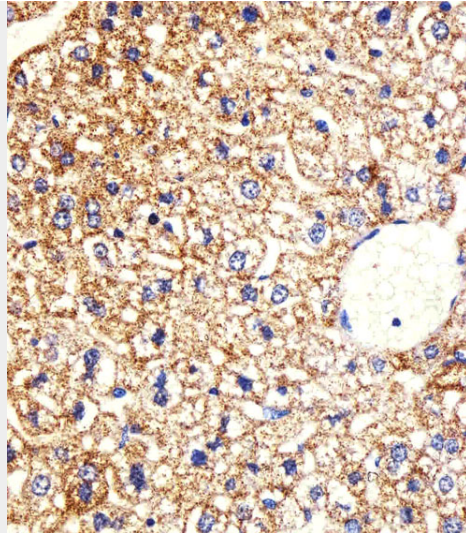
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

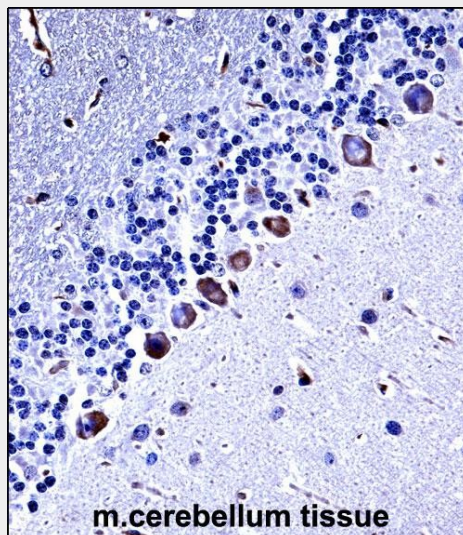
Mouse Csnk1g3 Antibody (C-term) - Images



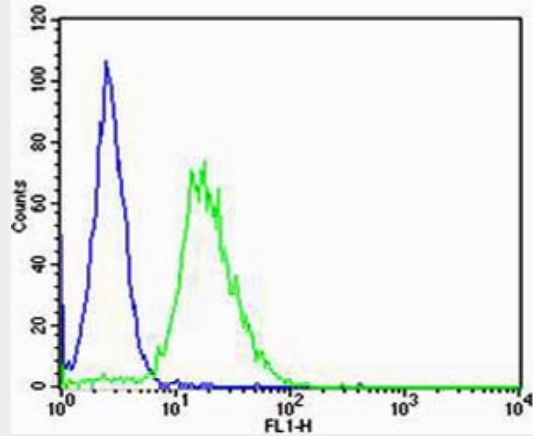
Western blot analysis of lysates from mouse kidney and liver tissue lysate (from left to right), using Mouse Csnk1g3 Antibody (C-term)(Cat. #AW5007). AW5007 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded M. liver section using Mouse Csnk1g3 Antibody (C-term)(Cat#AW5007). AW5007 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Mouse Csnk1g3 Antibody (C-term) (AW5007) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Csnk1g3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow cytometric analysis of NIH/3T3 cells using Mouse Csnk1g3 Antibody (C-term)(green, Cat#AW5007) compared to an isotype control of rabbit IgG(blue). AW5007 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

Mouse Csnk1g3 Antibody (C-term) - Background

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling (By similarity).

Mouse Csnk1g3 Antibody (C-term) - References

- Trivedi, C.M., et al. Dev. Cell 19(3):450-459(2010)
- Piao, Y., et al. Genome Res. 11(9):1553-1558(2001)
- Verlaet, M., et al. Biochem. Biophys. Res. Commun. 283(1):12-18(2001)