10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Csnk1g1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14134b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8BTH8
Other Accession	A7E3X2, NP_775277.2
Reactivity	Mouse
Predicted	Bovine, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34463
Calculated MW	52744
Antigen Region	359-387

Additional Information

Gene ID	214897
Other Names	Casein kinase I isoform gamma-1, CKI-gamma 1, Csnk1g1
Target/Specificity	This Mouse Csnk1g1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 359-387 amino acids from the C-terminal region of mouse Csnk1g1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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 Csnk1g1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Csnk1g1
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. Phosphorylates CLSPN (By similarity). Regulates fast synaptic transmission mediated by glutamate.
Cellular Location	Cytoplasm.
Tissue Location	Expressed in both the striatum and the neocortex.

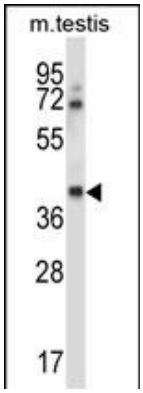
Background

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).

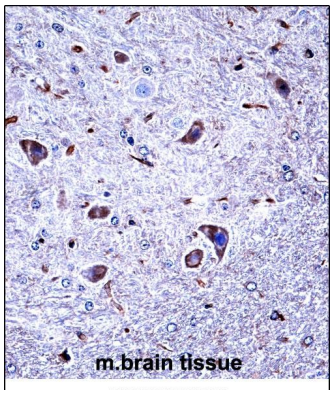
References

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Zambrowicz, B.P., et al. Proc. Natl. Acad. Sci. U.S.A. 100(24):14109-14114(2003)
Stryke, D., et al. Nucleic Acids Res. 31(1):278-281(2003)
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Images



Mouse Csnk1g1 Antibody (C-term) (Cat. #AP14134b) western blot analysis in mouse testis tissue lysates (35ug/lane).This demonstrates the Csnk1g1 antibody detected the Csnk1g1 protein (arrow).



Mouse Csnk1g1 Antibody (C-term) (AP14134b)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Csnk1g1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Citations

- Jumonji Domain Containing 5 (JMJD5) Associates with Spindle Microtubules and Is Required for Proper Mitosis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.