

Rabbit Csnk1g3 Polyclonal Antibody | anti-Csnk1g3 antibody

Mouse Csnk1g3 Antibody (C-term)

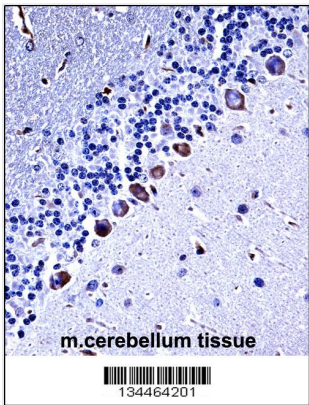
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289813	Rabbit	Mouse (Predicted Reactivity: Rat)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

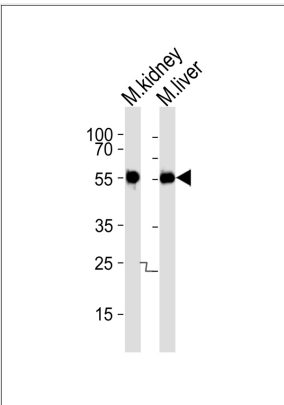
Csnk1g3; Polyclonal Antibody; Mouse Csnk1g3 Antibody (C-term); Casein kinase I isoform gamma-3; CKI-gamma 3; anti-Csnk1g3 antibody

PRODUCT SPECIFICATIONS

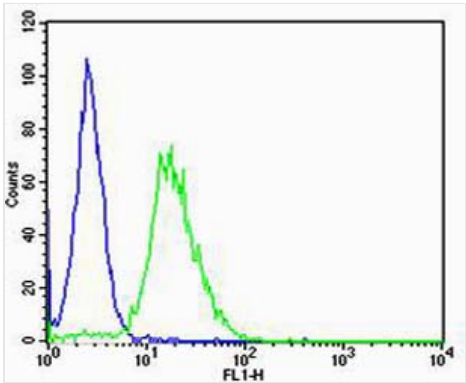
Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Csnk1g3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-361 amino acids from the C-terminal region of mouse Csnk1g3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	424
Applicable Applications for anti-Csnk1g3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Region	333-361
Cellular Location	Cytoplasm.
Tissue Location	Expressed in both the striatum and the neocortex
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



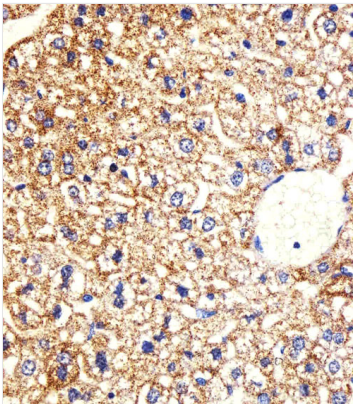
IHC (Immunohistochemistry)
Mouse Csnk1g3 Antibody (C-term) (AAA289813) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Csnk1g3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from mouse kidney and liver tissue lysate (from left to right), using Mouse Csnk1g3 Antibody (C-term). AAA289813 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. Lysates at 35ug per lane.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NIH/3T3 cells using Mouse Csnk1g3 Antibody (C-term) (green) compared to an isotype control of rabbit IgG (blue). AAA289813 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded M. liver section using Mouse Csnk1g3 Antibody (C-term). AAA289813 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.

ADDITIONAL INFORMATION

Related Product Information for anti-Csnk1g3 antibody	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.
Product Categories/Family for anti-Csnk1g3 antibody	Crown Antibodies
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	113462019
NCBI GeneID	70425
NCBI Accession #	NP_690022.2
NCBI GenBank Nucleotide #	NM_152809.2

UniProt Accession #	Q8C4X2 ; Q8BM57 ; Q8C001 ; Q8K079
Molecular Weight	48938
NCBI Official Full Name	casein kinase I isoform gamma-3
NCBI Official Synonym Full Names	casein kinase 1, gamma 3
NCBI Official Symbol	Csnk1g3
NCBI Official Synonym Symbols	3300002K07Rik; C330049O21Rik
NCBI Protein Information	casein kinase I isoform gamma-3
UniProt Protein Name	Casein kinase I isoform gamma-3
UniProt Gene Name	Csnk1g3
UniProt Synonym Gene Names	CKI-gamma 3
UniProt Entry Name	KC1G3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/csnk1g3-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/289813>