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M Cckar Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5118

Product Information

Application	WB
Primary Accession	O08786
Other Accession	P30551
Reactivity	Mouse, Rat, Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48437
Isotype	Rabbit IgG
Antigen Source	Mouse

Additional Information

Gene ID	12425
Antigen Region	325-356
Other Names	Cckar;Cholecystokinin receptor type A
Dilution	WB~~1:1000
Target/Specificity	This Mouse Cckar antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-356 amino acids from the C-terminal region of mouse Cckar.
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	M Cckar Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Cckar
Function	Receptor for cholecystokinin. Mediates pancreatic growth and enzyme secretion, smooth muscle contraction of the gall bladder and stomach. Has a

1000-fold higher affinity for CCK rather than for gastrin. It modulates feeding and dopamine-induced behavior in the central and peripheral nervous system. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system (By similarity).

Cellular Location Cell membrane; Multi-pass membrane protein.

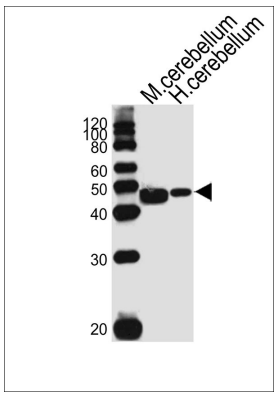
Background

Receptor for cholecystokinin. Mediates pancreatic growth and enzyme secretion, smooth muscle contraction of the gall bladder and stomach. Has a 1000-fold higher affinity for CCK rather than for gastrin. It modulates feeding and dopamine-induced behavior in the central and peripheral nervous system. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system (By similarity).

References

Takata Y., et al. Gene 187:267-271(1997).
Lacourse K.A., et al. Biochem. Biophys. Res. Commun. 236:630-635(1997).
Carninci P., et al. Science 309:1559-1563(2005).

Images



Western blot analysis of lysates from mouse cerebellum,human cerebellum tissue lysate (from left to right), using Cckar Antibody (C-term)(Cat. #AW5118). AW5118 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.