

M Cckar Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20509b

Specification

M Cckar Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O08786
Other Accession	P30551
Reactivity	Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48437
Antigen Region	325-356

M Cckar Antibody (C-term) - Additional Information

Gene ID 12425

Other Names

Cholecystokinin receptor type A, CCK-A receptor, CCK-AR, Cholecystokinin-1 receptor, CCK1-R, Cckar

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.

Dilution

WB~~1:1000

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.

M Cckar Antibody (C-term) - 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

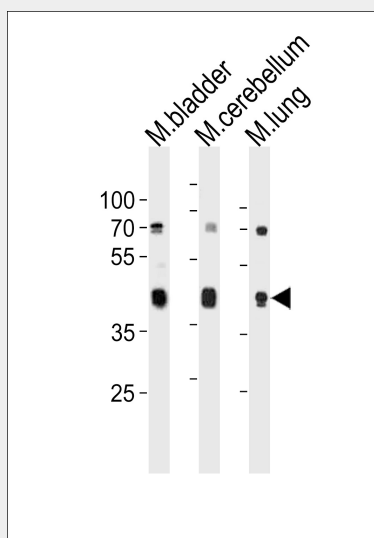
Cell membrane; Multi-pass membrane protein.

M Cckar 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](#)

M Cckar Antibody (C-term) - Images



Mouse Cckar Antibody (C-term) (Cat. #AP20509b) western blot analysis in mouse bladder, cerebellum and lung tissue lysates (35ug/lane). This demonstrates the Mouse Cckar antibody detected the Mouse Cckar protein (arrow).

M Cckar Antibody (C-term) - 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).

M Cckar Antibody (C-term) - 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).