

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

**Specification**

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**M Cckar Antibody (C-term) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB,E                   |
| Primary Accession | <a href="#">O08786</a> |
| Other Accession   | <a href="#">P30551</a> |
| 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

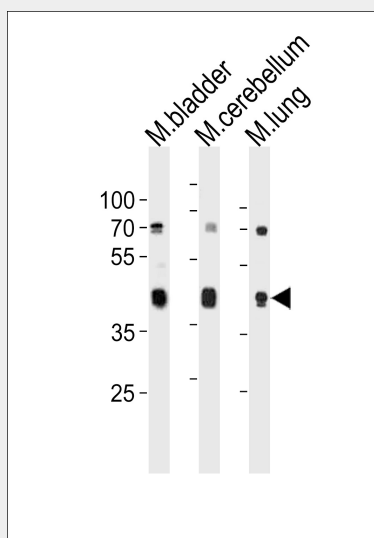
Cell membrane; Multi-pass membrane protein.

### 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).