

Rabbit M Cckar Polyclonal Antibody | anti-Cckar antibody

M Cckar Antibody (C-term)

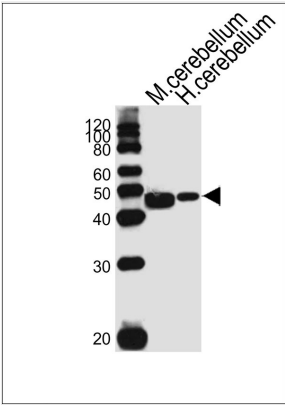
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290941	Rabbit	Human, Mouse Predicted: Rat	ELISA, Western Blot

PRODUCT SYNONYMS

M Cckar; Polyclonal Antibody; M Cckar Antibody (C-term); Cckar; Cholecystokinin receptor type A; anti-Cckar antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Rat
Clonality	Polyclonal
Isotype	Ig
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.
Form/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.
Sequence Length	436
Applicable Applications for anti-Cckar antibody	ELISA, WB (Western Blot)
Antigen Source	Mouse
Antigen Region	325-356
Antigen Type	Synthetic Peptide
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
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysates from mouse cerebellum, human cerebellum tissue lysate (from left to right), using Cckar Antibody (C-term) AAA290941. It 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.

ADDITIONAL INFORMATION

Related Product Information for anti-Cckar antibody	Description: Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab) 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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753306
NCBI GeneID	12425
NCBI Accession #	NP_033957.1
NCBI GenBank Nucleotide #	NP_033957.1
UniProt Accession #	O08786; P30551
Molecular Weight	Calculated MW: Mouse: 48, Rat: 50 KdA
NCBI Official Full Name	cholecystokinin receptor type A isoform 1
NCBI Official Synonym Full Names	cholecystokinin A receptor
NCBI Official Symbol	Cckar
NCBI Official Synonym Symbols	AW106902
NCBI Protein Information	cholecystokinin receptor type A
UniProt Protein Name	Cholecystokinin receptor type A
UniProt Gene Name	Cckar
UniProt Synonym Gene Names	CCK-A receptor; CCK-AR; CCK1-R

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/m-cckar-antibody-western-blot-elisa/290941>