

Datasheet for ABIN2778154

anti-Cholecystokinin antibody (Middle Region)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	100 µL
Target:	Cholecystokinin (CCK)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Dog, Cow, Pig, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cholecystokinin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CCK
Sequence:	IQQARKAPSG RMSIVKNLQN LDPSHRISDR DYMGWMDFGR RSAEEYEYPS
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 92%, Pig: 86%, Rabbit: 86%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against CCK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Cholecystokinin (CCK)
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Target Details

Alternative Name:	CCK (CCK Products)
Background:	<p>Cholecystokinin (CCK) is a brain/gut peptide. In the gut, it induces the release of pancreatic enzymes and the contraction of the gallbladder. In the brain, its physiologic role is unclear. The cholecystokinin pro-hormone is processed by endo- and exo-proteolytic cleavages. Cholecystokinin is a brain/gut peptide. In the gut, it induces the release of pancreatic enzymes and the contraction of the gallbladder. In the brain, its physiologic role is unclear. The cholecystokinin pro-hormone is processed by endo- and exo-proteolytic cleavages. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: MGC117187</p> <p>Protein Interaction Partner: UBC, CCKBR, CCKAR, CPE, ENPEP, MEP1B, MEP1A,</p> <p>Protein Size: 115</p>
Molecular Weight:	13 kDa
Gene ID:	885
NCBI Accession:	NM_000729 , NP_000720
UniProt:	P06307
Pathways:	TCR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Positive Regulation of Endopeptidase Activity , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 115 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Talchai, Xuan, Kitamura, DePinho, Accili: "Generation of functional insulin-producing cells in the gut by Foxo1 ablation." in: Nature genetics , Vol. 44, Issue 4, pp. 406-12, S1, (2012) (PubMed).
	Roskos, Wallace, Weiss: "Readability of consumer medication information for intranasal corticosteroid inhalers." in: American journal of health-system pharmacy : AJHP : official journal of the American Society of Health-System Pharmacists , Vol. 65, Issue 1, pp. 65-8, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-CCK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain