

Datasheet for ABIN2776881
anti-HMGCS2 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HMGCS2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Goat, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCS2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HMGCS2
Sequence:	DLPKRLASRK CVSPEEFTEI MNQREQFYHK VNFSPPGDTN SLFPGTWYLE
Predicted Reactivity:	Cow: 79%, Dog: 100%, Goat: 79%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HMGCS2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HMGCS2
---------	--------

Target Details

Alternative Name:	HMGS2 (HMGS2 Products)
Background:	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase. Alias Symbols: - Protein Interaction Partner: UBC, APP, YWHAQ, Protein Size: 508
Molecular Weight:	56 kDa
Gene ID:	3158
NCBI Accession:	NM_005518 , NP_005509
UniProt:	P54868
Pathways:	Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 508 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
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.



Western Blotting

Image 1. WB Suggested Anti-HMGCS2 Antibody Titration:
1.25ug/ml Positive Control: Human Liver