

Datasheet for ABIN2789422
anti-MC4R antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MC4R
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Sheep, Rabbit, Cow, Dog, Horse, Guinea Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MC4R antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	VNSTHRGMHT SLHLWNRSSY RLHSNASESL GKGYSDDGGCY EQLFVSPEVF
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against MC4R. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MC4R
Alternative Name:	MC4R (MC4R Products)
Background:	The protein encoded by this gene is a membrane-bound receptor and member of the

Target Details

melanocortin receptor family. The encoded protein interacts with adrenocorticotropic and MSH hormones and is mediated by G proteins. This is an intronless gene. Defects in this gene are a cause of autosomal dominant obesity.

Alias Symbols: MGC126851, MGC138197

Protein Interaction Partner: NPM1, IL1RAP, MGRN1, ATRNL1, AGRP, PRKACA, ASIP, POMC, NPY, MC1R, ADRBK1,

Protein Size: 332

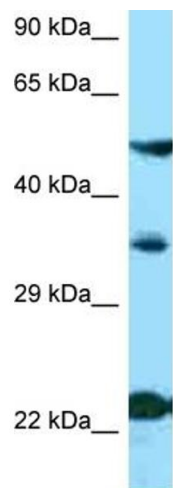
Molecular Weight:	37 kDa
Gene ID:	4160
NCBI Accession:	NM_005912 , NP_005903
UniProt:	P32245
Pathways:	Hormone Transport , cAMP Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 332 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.



Rabbit Anti-MC4R Antibody
Catalog Number: ARP63247
Lot Number: QC34260
Lane: ACHN Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.