

ARG63765 anti-AGRP / Agouti related protein antibody

Package: 100 µg, 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AGRP / Agouti related protein
Tested Reactivity	Hu
Predict Reactivity	Dog, Pig
Tested Application	IHC-Fr
Specificity	This antibody is expected to recognise both reported isoforms (as represented by NP_001129; NP_015531)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AGRP / Agouti related protein
Species	Human
Immunogen	CRKLGTMNPCSRT
Conjugation	Un-conjugated
Alternate Names	Agouti-related protein; AGRT; ART; ASIP2

Application Instructions

Application table	Application	Dilution
	IHC-Fr	0.05 - 0.1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0) at 80°C for 30 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 181 Human](#)

[Swiss-port # O00253 Human](#)

Background

This gene encodes an antagonist of the melanocortin-3 and melanocortin-4 receptor. It appears to regulate hypothalamic control of feeding behavior via melanocortin receptor and/or intracellular calcium regulation, and thus plays a role in weight homeostasis. Mutations in this gene have been associated with late on-set obesity. [provided by RefSeq, Dec 2009]

Highlight

Related news:

[Studying obesity and appetite control by quantifying orexigenic and anorexigenic hormones:](#)

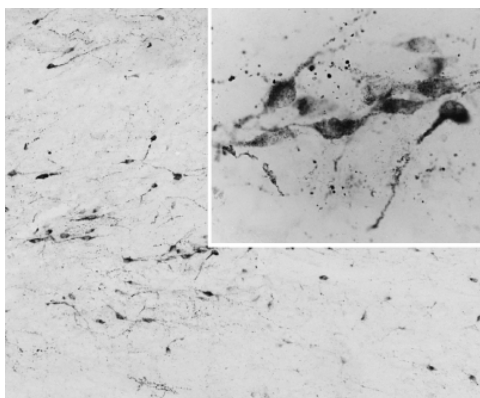
Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

14 kDa

Images



ARG63765 anti-AGRP / Agouti related protein antibody IHC-Fr image

Immunohistochemistry: PFA-perfused cryosection of Human hypothalamus tissue stained with ARG63765 anti-AGRP / Agouti related protein antibody at 0.05 µg/ml dilution.