

ARG45333 anti-AGRP / Agouti related protein antibody [32B12]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [32B12] recognizes AGRP / Agouti related protein
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	32B12
Isotype	IgG2
Target Name	AGRP / Agouti related protein
Species	Human
Immunogen	Recombinant Human AGRP / Agouti related protein.
Conjugation	Un-conjugated
Alternate Names	Agouti-related protein; AGRT; ART; ASIP2

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

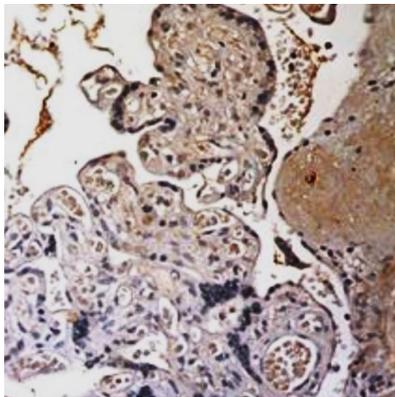
Properties

Form	Powder
Purification	Protein G chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.2 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

Gene Symbol	AGRP
Gene Full Name	Agouti Related Neuropeptide
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]
Function	Plays a role in weight homeostasis. Involved in the control of feeding behavior through the central melanocortin system. Acts as alpha melanocyte-stimulating hormone antagonist by inhibiting cAMP production mediated by stimulation of melanocortin receptors within the hypothalamus and adrenal gland. Has very low activity with MC5R. [UniProt]
Calculated Mw	14 kDa
PTM	Disulfide bond. [UniProt]
Cellular Localization	Golgi apparatus; Secreted. [UniProt]

Images



ARG45333 anti-AGRP / Agouti related protein antibody [32B12] IHC-P image

Immunohistochemistry: Human placental stained with ARG45330 anti-Inhibin beta B antibody [9M29].