AGRP mouse mAb

Catalog No	BYmab-12471
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	AGRP AGRT ART
Protein Name	AGRP
Immunogen	Synthesized peptide derived from human AGRP
Specificity	This antibody detects endogenous levels of Human AGRP
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Agouti-related protein
Observed Band	
Cell Pathway	Secreted . Golgi apparatus lumen .
Tissue Specificity	Expressed primarily in the adrenal gland, subthalamic nucleus, and hypothalamus, with a lower level of expression occurring in testis, lung, and kidney.
Function	cell surface receptor linked signal transduction, G-protein coupled receptor protein signaling pathway, neuropeptide signaling pathway, intracellular signaling cascade, behavior, feeding behavior, adult feeding behavior, response to endogenous stimulus, response to hormone stimulus, hormone-mediated signaling, response to organic substance,adult behavior, cellular response to hormone stimulus, eating behavior,
Background	disease:Defects in AGRP may be a cause of autosomal dominant obesity [MIM:601665].,domain:The presence of a 'disulfide through disulfide knot' structurally defines this protein as a knottin.,function:Plays a role in weight homeostasis. May play a role in the regulation of melanocortin receptors within the

	hypothalamus and adrenal gland, and therefore in the central control of feeding.,similarity:Contains 1 agouti domain.,tissue specificity:Expressed primarily in the adrenal gland, subthalamic nucleus, and hypothalamus, with a lower level of expression occurring in testis, lung, and kidney.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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