



# AGRP mouse mAb

Catalog No	BYmab-12441
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	AGRP AGRT ART
Protein Name	AGRP
Immunogen	Synthesized peptide derived from human AGRP AA range: 21-70
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	15kD
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

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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.

## Products Images