

## AGRP rabbit pAb

<b>Catalog No :</b>	YT7889
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	AGRP
<b>Fields :</b>	>>Adipocytokine signaling pathway
<b>Gene Name :</b>	AGRP AGRT ART
<b>Protein Name :</b>	AGRP
<b>Human Gene Id :</b>	181
<b>Human Swiss Prot No :</b>	O00253
<b>Mouse Gene Id :</b>	11604
<b>Mouse Swiss Prot No :</b>	P56473
<b>Immunogen :</b>	Synthesized peptide derived from human AGRP
<b>Specificity :</b>	This antibody detects endogenous levels of Human,Mouse AGRP
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 15kD

**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.,

**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,

**Subcellular Location :** Secreted . Golgi apparatus lumen .

**Expression :** Expressed primarily in the adrenal gland, subthalamic nucleus, and hypothalamus, with a lower level of expression occurring in testis, lung, and kidney.

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