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# Datasheet for ABIN7143593 anti-AGRP antibody (AA 83-132)

2 Images



#### Overview

Quantity:	100 µg
Target:	AGRP
Binding Specificity:	AA 83-132
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGRP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

Immunogen:	Recombinant Human Agouti-related protein (83-132AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

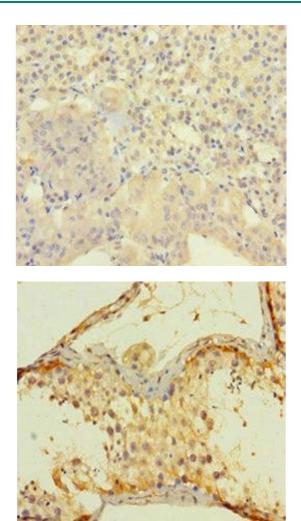
# Target Details

Target:	AGRP
Alternative Name:	AGRP (AGRP Products)
Background:	Background: Plays a role in weight homeostasis. Involved in the control of feeding behavior
	through the central melanocortin system. Acts as alpha melanocyte-stimulating hormone

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## Target Details

	antagonist by inhibiting cAMP production mediated by stimulation of melanocortin receptors within the hypothalamus and adrenal gland. Has very low activity with MC5R (By similarity). Is an inverse agonist for MC3R and MC4R being able to suppress their constitutive activity. It promotes MC3R and MC4R endocytosis in an arrestin-dependent manner. Aliases: Agouti related neuropeptide antibody, Agouti Related Protein Homolog antibody, Agouti-related protein antibody, Agrp antibody, AGRP_HUMAN antibody, AGRT antibody, ART antibody, ASIP2 antibody
UniProt:	000253
Pathways:	Feeding Behaviour, Photoperiodism
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7143593 at dilution of 1:100

#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7143593 at dilution of 1:100

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