

## Product datasheet for **TA323216**

### AGRP Rabbit Polyclonal Antibody

#### Product data:

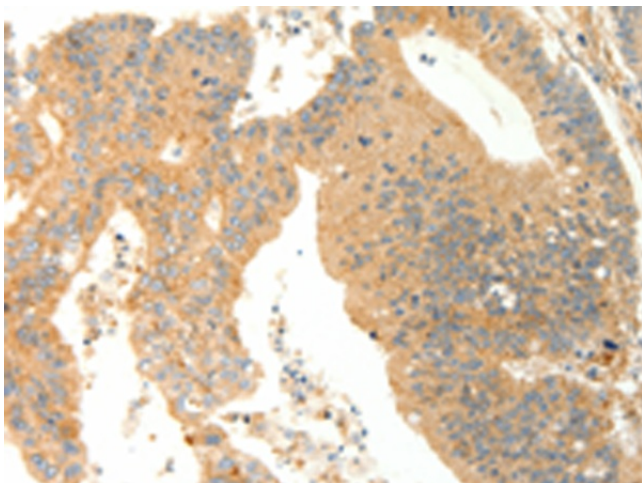
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 50-63 amino acids of human agouti related protein homolog (mouse)
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	agouti related neuropeptide
Database Link:	<a href="#">NP_001129</a> <a href="#">Entrez Gene 181 Human</a> <a href="#">O00253</a>
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.
Synonyms:	AGRT; ART; ASIP2
Protein Families:	Druggable Genome, Secreted Protein



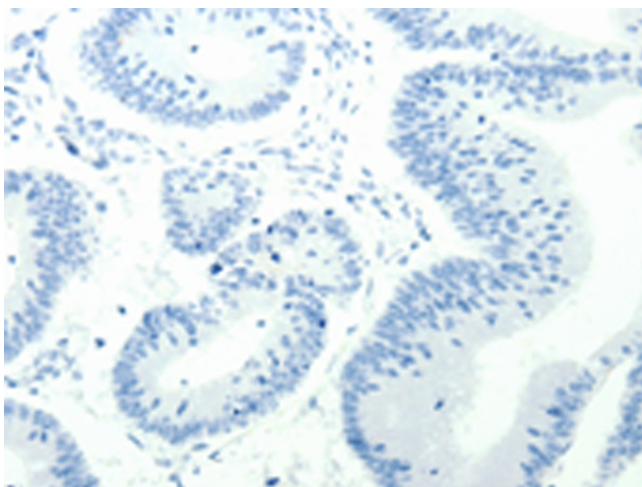
[View online »](#)

Protein Pathways: Adipocytokine signaling pathway

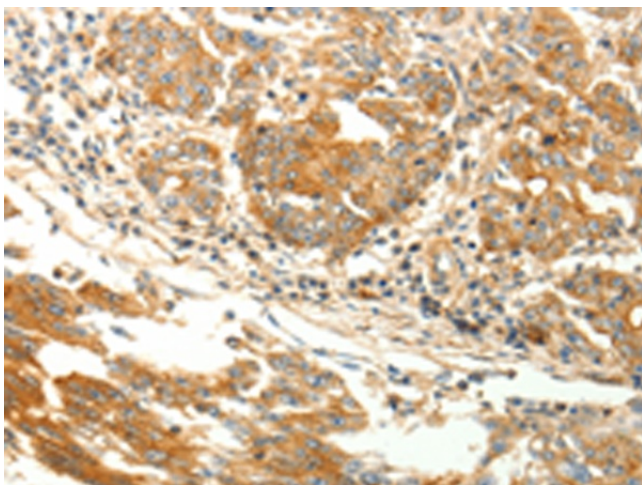
**Product images:**



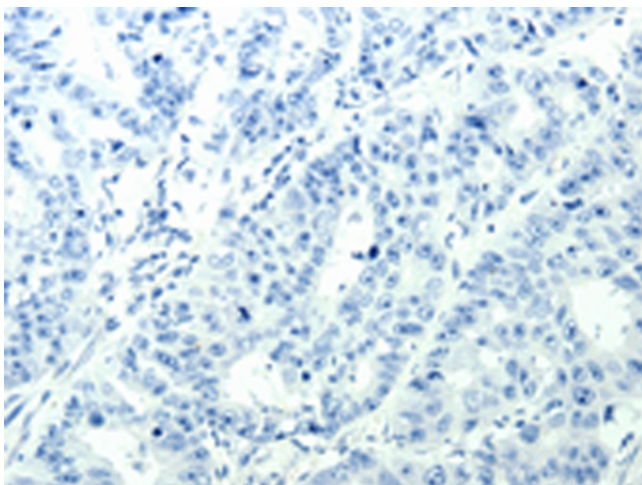
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323216 (AGRP Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323216 (AGRP Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA323216 (AGRP Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA323216 (AGRP Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )