

Product datasheet for **TA350906**

AGL Rabbit Polyclonal Antibody

Product data:

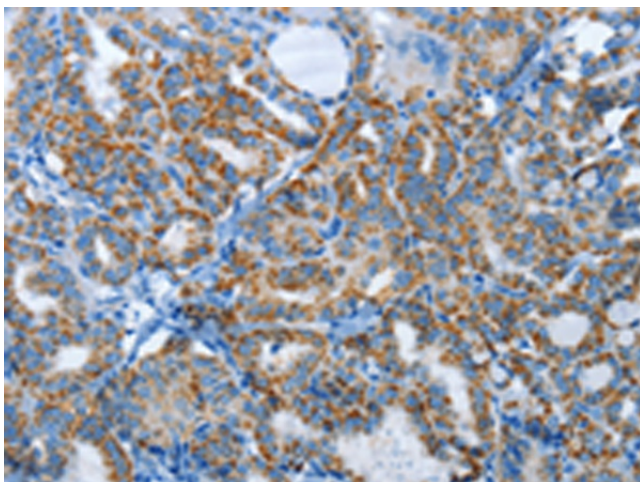
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AGL
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% 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:	amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase
Database Link:	NP_000633 Entrez Gene 178 Human P35573
Background:	This gene encodes the glycogen debrancher enzyme which is involved in glycogen degradation. This enzyme has two independent catalytic activities which occur at different sites on the protein: a 4-alpha-glucotransferase activity and a amylo-1,6-glucosidase activity. Mutations in this gene are associated with glycogen storage disease although a wide range of enzymatic and clinical variability occurs which may be due to tissue-specific alternative splicing. Alternatively spliced transcripts encoding different isoforms have been described.
Synonyms:	GDE
Protein Families:	Druggable Genome



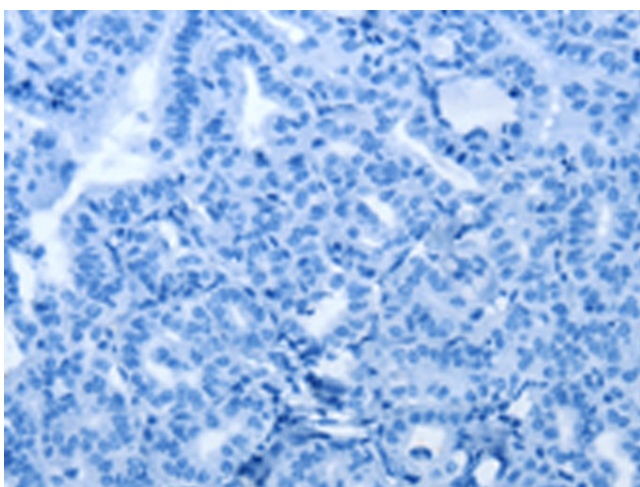
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Protein Pathways: Metabolic pathways, Starch and sucrose metabolism

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350906 (AGL Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350906 (AGL Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)