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Product datasheet for TA371759S

AGL Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart tissue IHC: 30-150 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AGL
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	175 kDa
Gene Name:	amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase
Database Link:	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.

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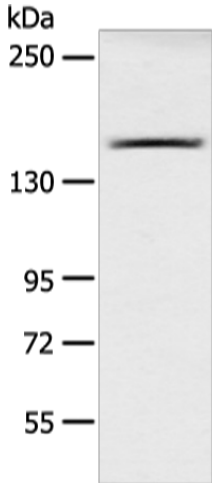
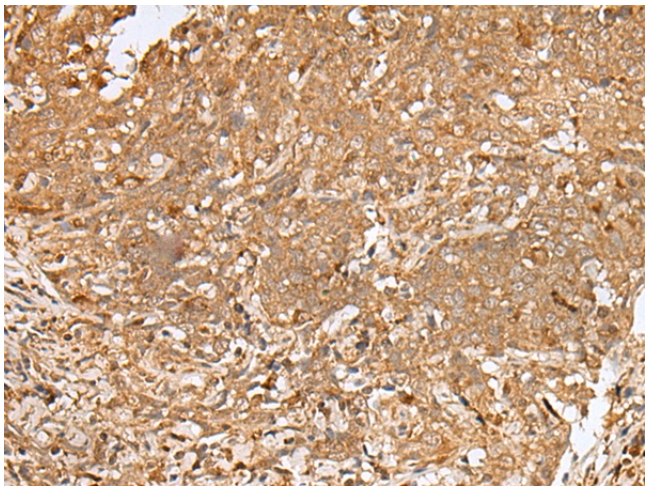
Synonyms: GDE; OTTHUMP00000012504

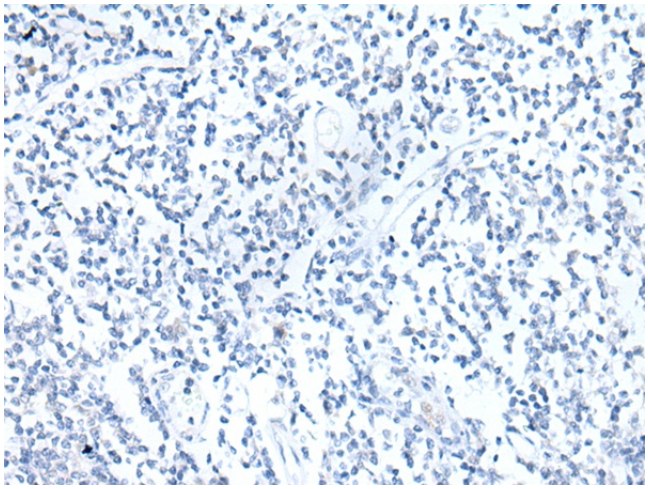
Product images:



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: Mouse heart tissue
Primary antibody: [TA371759] (AGL Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA371759] (AGL Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA371759] (AGL Antibody) at dilution 1/35, treated with synthetic peptide. (Original magnification: ×200)