

Product datasheet for **TA368374S**

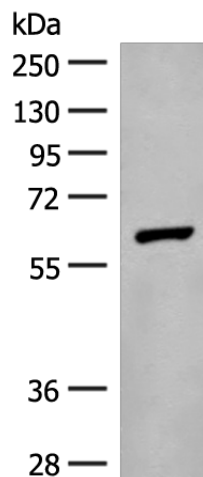
GLS2 Rabbit Polyclonal Antibody

Product data:

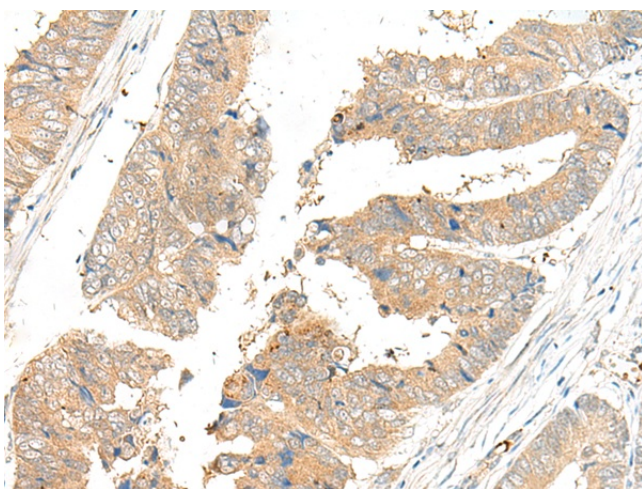
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue lysate IHC: 40-200 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GLS2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	66 kDa
Gene Name:	glutaminase 2
Database Link:	Entrez Gene 27165 Human Q9UI32
Background:	The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. Originally thought to be liver-specific, this protein has been found in other tissues as well. Alternative splicing results in multiple transcript variants that encode different isoforms.
Synonyms:	GA; GLS; hLGA; L-glutaminase; LGA; MGC71567



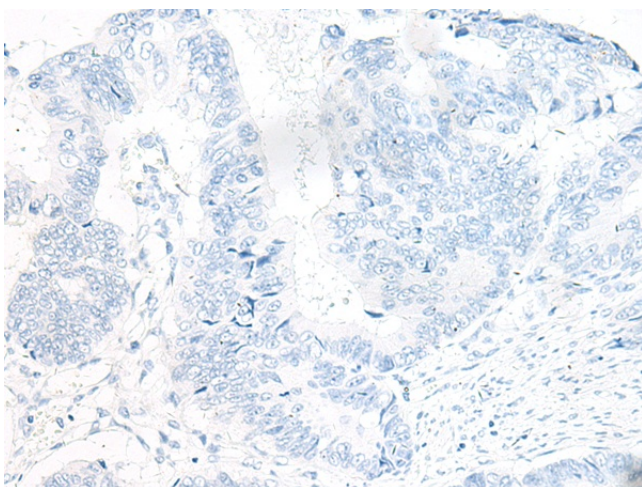
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Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse liver tissue lysate
Primary antibody: [TA368374] (GLS2 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368374] (GLS2 Antibody) at dilution 1/45 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA368374] (GLS2 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: $\times 200$)