Rabbit GCSH Polyclonal Antibody | anti-GCSH antibody

GCSH Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175583	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

GCSH; Polyclonal Antibody; GCSH Polyclonal Antibody; GCE; Glycine cleavage system H protein; Glycine cleavage system H protein mitochondrial; Glycine cleavage system protein H (aminomethyl carrier); Glycine cleavage system protein H; Lipoic acid containing protein; Mitochondrial; Mitochondrial glycine cleavage system H protein; NKH; anti-GCSH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.02mg/mL (varies by lot)
Sequence Length	173
Applicable Applications for anti-GCSH antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human GCSH
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GCSH Polyclonal Antibody at dilution of 1:60(×200

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GCSH Polyclonal Antibody at dilution of 1:60(×200

ADDITIONAL INFORMATION

Related Product Information for anti-GCSH antibody	Degradation of glycine is brought about by the glycine cleavage system, which is composed of four mitochondrial protein components: P protein (a pyridoxal phosphate-dependent glycine decarboxylase), H protein (a lipoic acid-containing protein), T protein (a tetrahydrofolate-requiring enzyme), and L protein (a lipoamide dehydrogenase). The protein encoded by this gene is the H protein, which transfers the methylamine group of glycine from the P protein to the T protein. Defects in this gene are a cause of nonketotic hyperglycinemia (NKH). Two transcript variants, one protein-coding and the other probably not protein-coding,have been found for this gene. Also, several transcribed and non-transcribed pseudogenes of this gene exist throughout the genome.

Product Categories/Family for anti-GCSH antibody	Cancer; Metabolism; Signal transduction; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033385
NCBI GeneID	2653
UniProt Accession #	P23434
NCBI Official Full Name	Glycine cleavage system H protein, mitochondrial
NCBI Official Synonym Full Names	glycine cleavage system protein H
NCBI Official Symbol	GCSH
NCBI Official Synonym Symbols	GCE; NKH
NCBI Protein Information	glycine cleavage system H protein, mitochondrial
UniProt Protein Name	Glycine cleavage system H protein, mitochondrial
UniProt Gene Name	**GCSH**
UniProt Entry Name	GCSH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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