

Rabbit anti-Human GCH1 Polyclonal Antibody | anti-GCH1 antibody

GCH1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290204	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

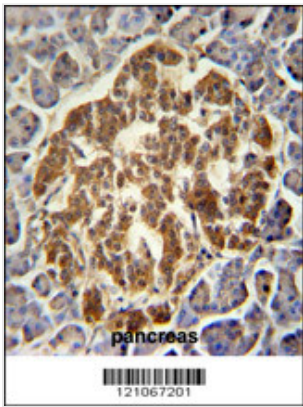
PRODUCT SYNONYMS

GCH1; Polyclonal Antibody; GCH1 Antibody (N-term); GTP cyclohydrolase 1; GTP cyclohydrolase I; GTP-CH-I; DYT5; GCH; anti-GCH1 antibody

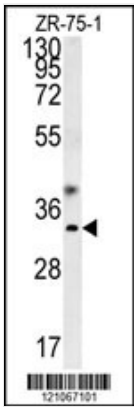
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GCH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-67 amino acids from the N-terminal region of human GCH1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	39-67
Sequence Length	233
Applicable Applications for anti-GCH1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GCH1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GCH1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GCH1 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the GCH1 antibody detected the GCH1 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-GCH1 antibody	Cell Biology; Metabolism; Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503949
NCBI GeneID	2643
NCBI Accession #	NP_000152.1; NP_001019195.1; NP_001019241.1; NP_001019242.1
NCBI GenBank Nucleotide #	NM_000161.2
UniProt Accession #	P30793; Q6FHY7; Q9Y4I8
Molecular Weight	27903
NCBI Official Full Name	GTP cyclohydrolase 1 isoform 1
NCBI Official Synonym Full Names	GTP cyclohydrolase 1
NCBI Official Symbol	GCH1
NCBI Official Synonym Symbols	GCH; DYT5; DYT14; DYT5a; GTPCH1; HPABH4B; GTP-CH-1
NCBI Protein Information	GTP cyclohydrolase 1
UniProt Protein Name	GTP cyclohydrolase 1
UniProt Gene Name	GCH1
UniProt Synonym Gene Names	DYT5; GCH; GTP-CH-I
UniProt Entry Name	GCH1_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.