

Rabbit anti-Mouse, Rat GTP cyclohydrolase 1 Polyclonal Antibody | anti-GTP antibody

GTP cyclohydrolase 1 Antibody

CATALOG # AAA75885	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

GTP cyclohydrolase 1; Polyclonal Antibody; GTP cyclohydrolase 1 Antibody; dystonia 14; DYT 5; DYT14; DYT5a; GCH; GTP CH 1; GTP cyclohydrolase 1 (dopa responsive dystonia); Guanosine 5' triphosphate cyclohydrolase I; HPABH4B antibody; anti-GTP antibody

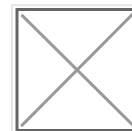
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.73-1.01 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	241
Applicable Applications for anti-GTP antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide taken within amino acid region 25-75 on mouse GTPCHI protein.
Determinant	C-epitope
Molecular Function	Cofactor biosynthesis; GTP binding; Coenzyme binding; Calcium ion binding
Structure	Toroid-shaped homodecamer. Composed of two pentamers of five dimers.
Subcellular Location	Cytoplasm; Nucleus
Preparation and Storage	-20• degree C for long term storage

IMAGES



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-GTP antibody	Affinity Purified GTP cyclohydrolase 1 Antibody C-epitope Positively regulates nitric oxide synthesis in endothelial cells. Involved in dopamine synthesis and pain sensitivity and persistence.
Product Categories/Family for anti-GTP antibody	Primary Antibodies; Neuroscience; Neurotransmission; Dopamine Receptors; GTP cyclohydrolase 1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	13542898
NCBI GeneID	14528
UniProt Accession #	Q05915
Molecular Weight	27,014 Da
NCBI Official Full Name	Gch1 protein
NCBI Official Synonym Full Names	GTP cyclohydrolase 1
NCBI Official Symbol	Gch1
NCBI Official Synonym Symbols	Gch; GTPCH; GTP-CH
NCBI Protein Information	GTP cyclohydrolase 1
UniProt Protein Name	GTP cyclohydrolase 1
UniProt Gene Name	Gch1
UniProt Synonym Gene Names	Gch; GTP-CH-I
UniProt Entry Name	GCH1_MOUSE

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gtp-cyclohydrolase-1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/75885>