

小鼠抗 GCH1 单克隆抗体

中文名称： 小鼠抗 GCH1 单克隆抗体

英文名称： Anti-GCH1 mouse monoclonal antibody

别名： GTP cyclohydrolase 1; GCH; DYT5; DYT14; DYT5a; GTPCH1; HPABH4B; GTP-CH-1

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： GCH1

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:	This gene encodes a member of the GTP cyclohydrolase family. The encoded protein is the first and rate-limiting enzyme in tetrahydrobiopterin (BH4) biosynthesis, catalyzing the conversion of GTP into 7,8-dihydroneopterin triphosphate. BH4 is an essential cofactor required by aromatic amino acid hydroxylases as well as nitric oxide synthases. Mutations in this gene are associated with malignant hyperphenylalaninemia and dopa-responsive dystonia. Several alternatively spliced transcript variants encoding different isoforms have been described; however, not all variants give rise to a functional enzyme.
Applications:	WB, IHC

Name of antibody:	GCH1
Immunogen:	Fusion protein of human GCH1
Full name:	GTP cyclohydrolase 1
Synonyms:	GCH; DYT5; DYT14; DYT5a; GTPCH1; HPABH4B; GTP-C H-1
SwissProt:	P30793
IHC positive control:	Human lymphoma tissue and Human prostate cancer
IHC Recommend dilution:	200-500
WB Predicted band size:	28 KD
WB Positive control:	Jurkat cell lysate
WB Recommended dilution:	500-2000