

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