

兔抗 GCH1 多克隆抗体

中文名称:	兔抗 GCH1 多克隆抗体
英文名称:	Anti-GCH1 rabbit polyclonal antibody
别名:	GCH, DYT5, DYT14, DYT5a, GTPCH1, HPABH4B, GTP-CH-1
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Rabbit
抗原:	GCH1
反应种属:	Human
标记物:	Unconjugate
克隆类型:	rabbit polyclonal

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:	ELISA, WB, IHC
Name of antibody:	GCH1
Immunogen:	Synthetic peptide of human GCH1
Full name:	GTP cyclohydrolase 1

Synonyms :	GCH, DYT5, DYT14, DYT5a, GTPCH1, HPABH4B, GTP-CH-1
SwissProt:	P30793
ELISA Recommended dilution:	1000-5000
IHC positive control:	Human breast cancer
IHC Recommend dilution:	5-20
WB Predicted band size:	28 kDa
WB Positive control:	Human fetal liver tissue
WB Recommended dilution:	500-2000



