

Anti-GCH1 antibody (55-250) (STJ118007)

STJ118007

GENERAL INFORMATION

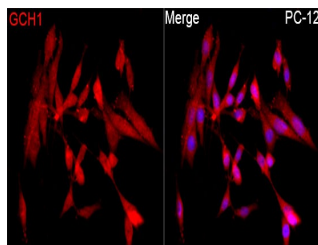
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

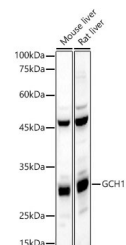
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/ICC:1:50-1:200
	ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	2643
Gene Symbol	GCH1
Uniprot ID	GCH1_HUMAN
Immunogen	
Immunogen Region	55-250
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 55-250 of human GCH1 (NP_000152.1).
Immunogen Sequence	GERPRSEEDNELNLPNLAAA YSSILSSLGEPQRQGLLKT PWRAASAMQFFTKGYQETIS DVLNDAIFDEHDDEMIVVKD IDMFMSCEHHLVPFVGKVIH GYLPNKQVLGLSKLARIVEI YSRRLQVQERLTKQIAVAIT EALRPAGVGWVVEATHMCMV MRGVQKMNSKTVTSTMLGVF REDPKTREFFLTILRS



Immunofluorescence analysis of PC-12 cells using GCH1 Rabbit polyclonal antibody (STJ118007) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using GCH1 antibody (STJ118007) at 1:900 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ3000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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