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anti-GLN1 antibody (AA 1-373)





Overview

Quantity:	100 μL
Target:	GLN1
Binding Specificity:	AA 1-373
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

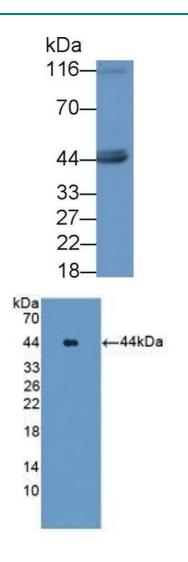
Purpose:	Polyclonal Antibody to Glutamine synthetase (GS)
Immunogen:	Recombinant Glutamine synthetase (GS) corresdonding to Met1~Asn373 (Accession # P15104)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GS. It has been selected for its ability to recognize GS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Expiry Date:

24 months

Target Details	
Target:	GLN1
Alternative Name:	Glutamine synthetase (GLN1 Products)
Background:	GLNS, GLUL, Glutamate-Ammonia Ligase, Glutamate decarboxylase
Pathways:	Positive Regulation of Peptide Hormone Secretion
Application Details	
Application Notes:	Western blotting: 0.5-2 μ g/mL Immunocytochemistry in formalin fixed cells: 5-20 μ g/mL Immunohistochemistry in formalin fixed frozen section: 5-20 μ g/mL Immunohistochemistry in paraffin section: 5-20 μ g/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

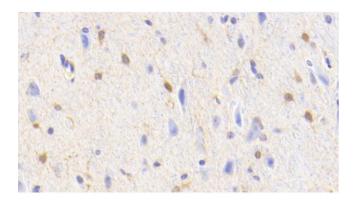


Western Blotting

Image 1. Detection of GS in Porcine Cerebrum lysate using Polyclonal Antibody to Glutamine synthetase (GS)

Western Blotting

Image 2. Detection of Recombinant Glutamine Synthetase, Human using Polyclonal Antibody to Glutamine synthetase (GS)



Immunohistochemistry

Image 3. Detection of GS in Human Cerebellum Tissue using Polyclonal Antibody to Glutamine synthetase (GS)

Please check the product details page for more images. Overall 4 images are available for ABIN7435589.