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Datasheet for ABIN7435301
anti-GARS antibody (AA 567-735)

8 Images

Overview

Quantity:	100 µL
Target:	GARS
Binding Specificity:	AA 567-735
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Glycyl tRNA Synthetase (GARS)
Immunogen:	Recombinant Glycyl tRNA Synthetase (GARS) corresponding to Val567~Glu735 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GARS. It has been selected for its ability to recognize GARS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	GARS
Alternative Name:	Glycyl tRNA Synthetase (GARS Products)
Background:	CMT2D, CMT2-D, DSMAV, GlyRS, SMAD1, EJ, Charcot-Marie-Tooth Neuropathy 2D, Glycine tRNA Ligase, Diadenosine tetraphosphate synthetase, AP-4-A synthetase
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/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

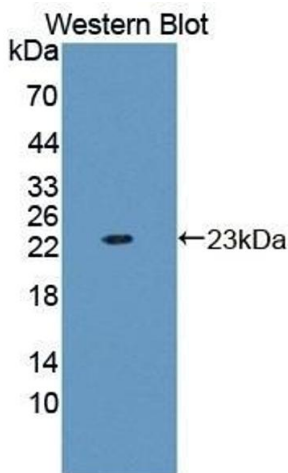
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.
Expiry Date:	24 months



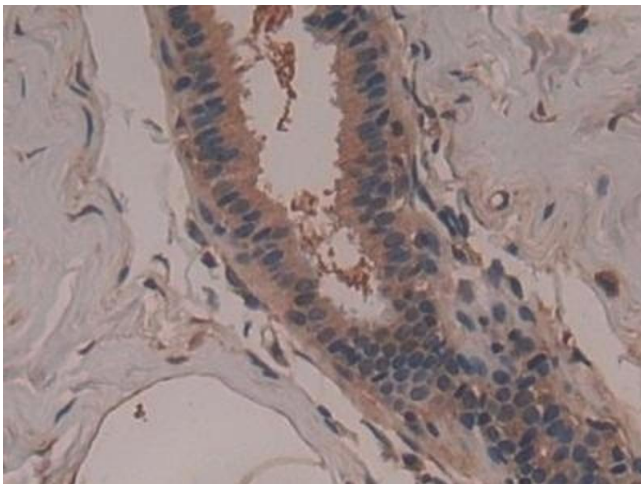
Western Blotting

Image 1. Detection of GARS in Porcine Stomach lysate using Polyclonal Antibody to Glycyl tRNA Synthetase (GARS)



Western Blotting

Image 2. Detection of Recombinant GARS, Human using Polyclonal Antibody to Glycyl tRNA Synthetase (GARS)



Immunohistochemistry

Image 3. Detection of GARS in Human Breast cancer Tissue using Polyclonal Antibody to Glycyl tRNA Synthetase (GARS)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7435301.