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Datasheet for ABIN7091173
anti-GARS antibody (AA 35-305)

Overview

Quantity:	100 µL
Target:	GARS
Binding Specificity:	AA 35-305
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GARS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human GARS between 35-305 amino acids.
Clone:	A2S3
Predicted Reactivity:	Human

Target Details

Target:	GARS
Alternative Name:	GARS (GARS Products)
Background:	Synonyms: AP 4 A synthetase, Charcot Marie Tooth neuropathy 2D, Charcot Marie Tooth neuropathy neuronal type D, CMT2D, Diadenosine tetraphosphate synthetase, DSMAV, EC 6.1.1.14, Glycine tRNA ligase, Glycyl tRNA synthetase, GlyRS, HMN5, SMAD1, GARS_HUMAN. Background: GARS synthetase catalyzes the ligation of glycine with glycyl-tRNA using ATP and

Target Details

its mutation induces Charcot-Marie-Tooth (CMT) disease.

Gene ID: 2617

UniProt: [P41250](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months