

Datasheet for ABIN99838

anti-GLN1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	2 mL
Target:	GLN1
Reactivity:	Bacteria
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GLN1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Glutamine Synthetase [Microbial] Immunogen type: Native
Characteristics:	Concentration Definition: by Refractometry

Target Details

Target:	GLN1
Alternative Name:	Glutamine Synthetase (GLN1 Products)
Background:	Synonyms: Glutamine synthetase EC=6.3.1.2
Gene ID:	3345165
UniProt:	Q79VE3
Pathways:	Positive Regulation of Peptide Hormone Secretion

Application Details

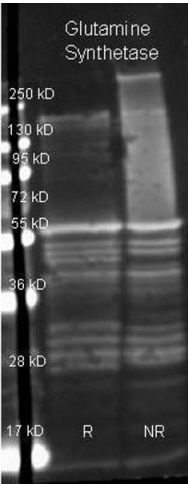
Application Notes: This product has been assayed against 1.0 ug of Glutamine Synthetase [Microbial] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] Rabbit (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 of the reconstitution concentration is suggested for this product.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	90 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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

Images



Western Blotting

Image 1. Goat anti Glutamine Synthetase antibody was used to detect Glutamine Synthetase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:3000 dilution of primary antibody (ON 4 C in ABIN925618). Detection shown was using Dylight 649 conjugated Donkey anti goat (605-743-125 lot 20834 1:10K in TBS/ABIN925618) 1 hr RT. Images were collected using the BioRad VersaDoc System.