



[Go to Product page](#)

Datasheet for ABIN6244313

anti-Glutaminase antibody (AA 144-177)

1 Image

Overview

Quantity:	200 µL
Target:	Glutaminase (GLS)
Binding Specificity:	AA 144-177
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutaminase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GLS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 144-177 amino acids from human GLS.
Clone:	RB53876
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glutaminase (GLS)
Alternative Name:	GLS (GLS Products)
Background:	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays

Target Details

a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity.

Molecular Weight: 73461

UniProt: [O94925](#)

Pathways: [Feeding Behaviour](#), [Dicarboxylic Acid Transport](#), [Warburg Effect](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

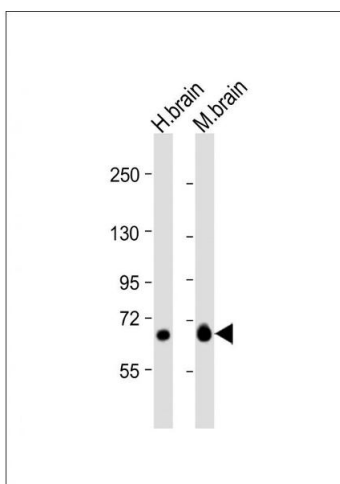
Preservative: Sodium azide

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

Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-GLS Antibody (N-Term) at 1:2000 dilution Lane 1: human brain lysate Lane 2: mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.