

Datasheet for ABIN7154008

anti-Glutaminase antibody (AA 616-669) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Glutaminase (GLS)
Binding Specificity:	AA 616-669
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutaminase antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glutaminase kidney isoform, mitochondrial protein (616-669AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Glutaminase (GLS)
Alternative Name:	GLS (GLS Products)
Background:	Background: Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the

Target Details

neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity.

Aliases: AAD20 antibody, DKFZp686O15119 antibody, FLJ10358 antibody, GAC antibody, GAM antibody, GLS antibody, GLS1 antibody, GLSK_HUMAN antibody, Glutaminase C antibody, Glutaminase kidney isoform antibody, Glutaminase phosphate activated antibody, K-glutaminase antibody, KGA antibody, KIAA0838 antibody, L glutamine amidohydrolase antibody, L-glutamine amidohydrolase antibody, mitochondrial antibody

UniProt: [O94925](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.