# antibodies - online.com







# anti-Glutaminase antibody (AA 555-587)



Image



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Background:

Quantity:	200 μL	
Target:	Glutaminase (GLS)	
Binding Specificity:	AA 555-587	
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 555-587 amino acids from human GLS.	
Clone:	RB53877	
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)	

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:	094925
Pathways:	Feeding Behaviour, Dicarboxylic Acid Transport, Warburg Effect

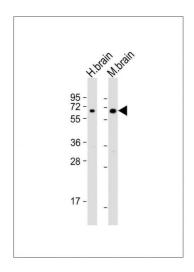
## **Application Details**

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 (C-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.