



# Rabbit Anti-Human GLS monoclonal antibody, clone 7I6M26 (CABT-L1324)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with Monkey, Rabbit, Rat and Mouse.
<b>Target</b>	GLS
<b>Immunogen</b>	Protein corresponding to Human GLS (aa 251-533)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	7I6M26
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS, pH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## BACKGROUND

**Introduction**

Glutaminase is a phosphate-activated amidohydrolase that catalyzes the hydrolysis of glutamine to glutamate and ammonia. It is primarily expressed in the brain and kidney and plays an essential role in generating energy for metabolism, synthesizing neurotransmitter glutamate, and maintaining acid-based balance in the kidney. There are alternate splicing results in multiple transcript variants in the Glutaminase gene.

**Keywords**

GLS;glutaminase;GAC;GAM;KGA;GLS1;AAD20;glutaminase kidney isoform, mitochondrial;K-glutaminase;glutaminase C;L-glutamine amidohydrolase;glutaminase, phosphate-activated

## GENE INFORMATION

**Entrez Gene ID**

[2744](#)

**UniProt ID**

[O94925](#)