

# Glutaminase Rabbit Monoclonal Antibody



CAB11043

## Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

55-65kDa

**Calculated MW:**

65, 73kDa

**Applications:**

WB IF

**Reactivity:**

Human

## Protein Background

This gene encodes the K-type mitochondrial glutaminase. The encoded protein is an phosphate-activated amidohydrolase that catalyzes the hydrolysis of glutamine to glutamate and ammonia. This protein is primarily expressed in the brain and kidney plays an essential role in generating energy for metabolism, synthesizing the brain neurotransmitter glutamate and maintaining acid-base balance in the kidney. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012]

## Immunogen information

**Gene ID:**

2744

**Uniprot**

O94925

**Synonyms:**

AAD20; GAC; GAM; GLS1; KGA

## Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen:**

A synthesized peptide derived from human Glutaminase

**Storage:**

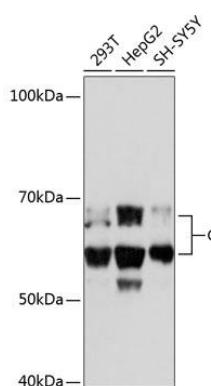
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

**Purification:**

Affinity purification

## Product Images

---



Western blot - Glutaminase Rabbit mAb (CAB11043)