

Glutaminase Rabbit pAb

db711

Package : 20µL 50µL 100µL

Product Name : Glutaminase Rabbit pAb**Cat.No.:** db711**Synonyms** : GAC; GAM; KGA; GLS1; AAD20**Application** : WB, IHC, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**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

A synthetic peptide of human Glutaminase

Gene ID

2744

Swiss Prot

O94925

Synonyms

GAC; GAM; KGA; GLS1; AAD20

Reactivity

Human

Application

WB, IHC, ICC/IF, FC

Recommended dilution

WB: 1:2000

IHC: 1:50

ICC/IF: 1:50

FC: 1:50

Calculated MW

73 kDa

Observed MW

73,65 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.