

## CAB3885

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### Product Information

<b>Product SKU:</b>	CAB3885	<b>Gene ID:</b>	2744	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	65-73kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	73kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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.

**Recommended Dilution:** WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

**Synonyms:** GAC; GAM; KGA; GLS1; AAD20; DEE71; GDPAG; CASGID; EIEE71; Glutaminase (GLS)

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 610-669 of human Glutaminase (Glutaminase (GLS)) (NP\_055720.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.