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## Product Information

<b>Product SKU:</b>	CAB2307	<b>Gene ID:</b>	440275	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC52336	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	220kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	69kDa/183kDa/186kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.

**Recommended Dilution:** WB,1:500 - 1:2000 IHC-P,1:100 - 1:500

**Synonyms:** GCN2; PVOD2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human GCN2 (NP\_001013725.2).

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