

## Recombinant Anti-eIF2C2 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4285	Rabbit	H, M, R	WB, IH
<b>Description</b>	Recombinant rabbit monoclonal antibody to eIF2C2		
<b>Immunogen</b>	KLH-conjugated synthetic peptide encompassing a sequence within human eIF2C2. The exact sequence is proprietary.		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of eIF2C2 protein		
<b>Clonality</b>	Monoclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	AGO2		
<b>Alternative Names</b>	EIF2C2; Protein argonaute-2; Argonaute2; hAgo2; Argonaute RISC catalytic component 2; Eukaryotic translation initiation factor 2C 2; eIF-2C 2; eIF2C 2; PAZ Piwi domain protein; PPD; Protein slicer		
<b>Entrez Gene</b>	27161 (Human); 239528 (Mouse); 59117 (Rat)		
<b>SwissProt</b>	Q9UKV8 (Human); Q8CJG0 (Mouse); Q9QZ81 (Rat)		
<b>Storage/Stability</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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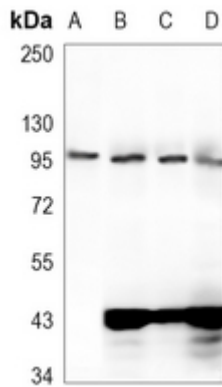
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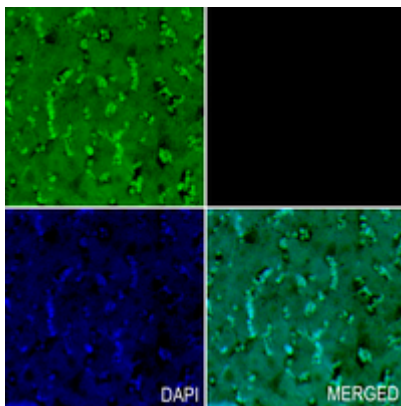
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## Product Data Sheet



Western blot analysis of eIF2C2 expression in HEK293T (A), mouse kidney (B), rat liver (C), rat kidney (D) whole cell lysates. (Predicted band size: 97 kD; Observed band size: 97 kD)



Immunohistochemical analysis of eIF2C2 staining in rat liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

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