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Product Data Sheet

Anti-GrpEL2 Antibody

Catalog #	Source	Reactivity	Applications
CQA1769	Rabbit	H, M, R	WB, IH

Description	Rabbit polyclonal antibody to GrpEL2
Immunogen	Recombinant full length protein of human GrpEL2
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of GrpEL2 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/100)
Gene Symbol	GRPEL2
Alternative Names	GrpE protein homolog 2 mitochondrial; Mt-GrpE2
Entrez Gene	134266 (Human); 17714 (Mouse)
SwissProt	Q8TAA5 (Human); O88396 (Mouse)
Storage/Stability	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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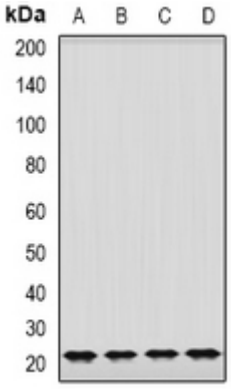
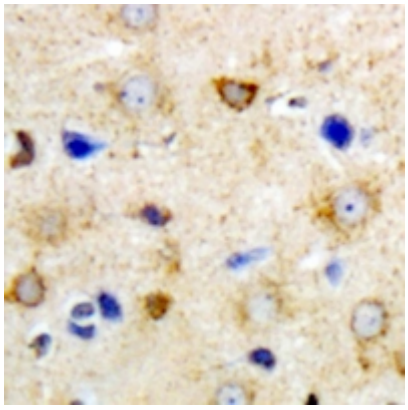


Western blot analysis of GrpEL2 expression in K562 (A), MCF7 (B), mouse brain (C), mouse lung (D) whole cell lysates. (Predicted band size: 14; 25 kD; Observed band size: 20 kD)



Immunohistochemical analysis of GrpEL2 staining in mouse brain 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. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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