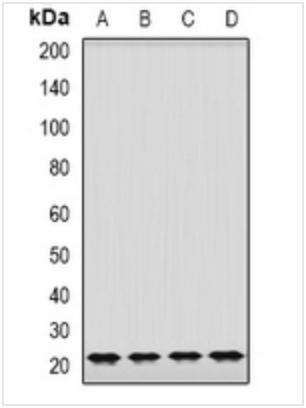
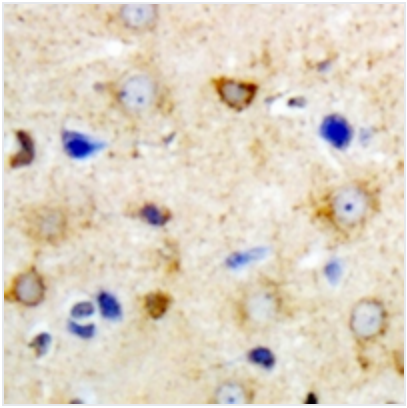
GrpEL2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GrpEL2, Polyclonal Antibody
Full Product Name	Rabbit anti-GrpEL2 Antibody
Product Gene Name	anti-GrpEL2 antibody
Product Synonym Names	GrpE protein homolog 2, mitochondrial; Mt-GrpE2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	25,431 Da
3D Structure	ModBase 3D Structure for Q8TAA5
Immunogen	Recombinant full length protein of human GrpEL2
Product Categories/Family for anti-GrpEL2 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-GrpEL2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-GrpEL2 antibody	WB: 1:500-1:2000 IHC: 1:50-1:100
Related Product Information for anti-GrpEL2 antibody	MBS4507686 is an antibody targeting GrpEL2. Also known as Rabbit anti-GrpEL2 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-GrpEL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-GrpEL2 antibody
Western blot analysis of GrpEL2 expression in K562 (A), MCF7 (B), mouse brain (C), mouse lung (D) whole cell lysates.



Immunohistochemistry (IHC) of anti-GrpEL2 antibody
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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GrpEL2. It may not necessarily be applicable to this product.

NCBI GI #	40255109
NCBI GeneID	134266
NCBI Accession #	NP_689620.2
UniProt Primary Accession #	Q8TAA5
UniProt Secondary Accession #	O88396
UniProt Related Accession #	Q8TAA5
GenBank Nucleotide #	NM_152407.3
NCBI Official Full Name	grpE protein homolog 2, mitochondrial
NCBI Official Synonym Full Names	GrpE-like 2, mitochondrial (E. coli)
NCBI Official Symbol	GRPEL2
NCBI Official Synonym Symbols	Mt-GrpE#2
UniProt Protein Name	GrpE protein homolog 2, mitochondrial
UniProt Synonym Protein Names	Mt-GrpE#2
Protein Family	GrpE protein
UniProt Gene Name	GRPEL2
UniProt Entry Name	GRPE2_HUMAN
NCBI Protein Information	grpE protein homolog 2, mitochondrial
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