

Product Datasheet

POLG Antibody (C-term) (orb1935340)

Catalog Number	orb1935340
Category	Antibodies
Description	POLG Antibody (C-term)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	P54098
MW	139562 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	WB - 1:1000, FC - 1:10-50, IF - 1:10-50, IHC-P - 1:100-500
Specificity	This POLG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1120-1148 amino acids from the C-terminal region of human POLG.
Antibody Type	Primary Antibody

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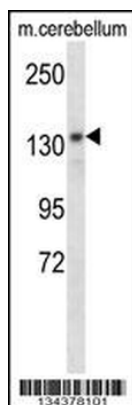
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Storage

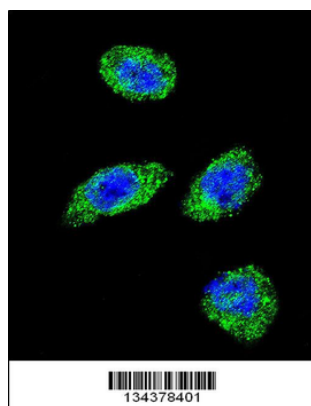
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

Note

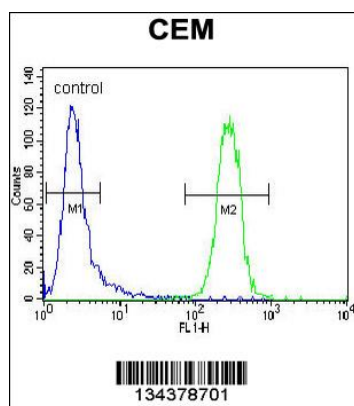
For research use only



POLG Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35 ug/lane). This demonstrates the POLG antibody detected the POLG protein (arrow).



Confocal immunofluorescent analysis of POLG Antibody (C-term) with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



POLG Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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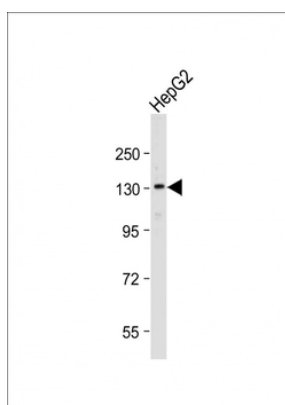
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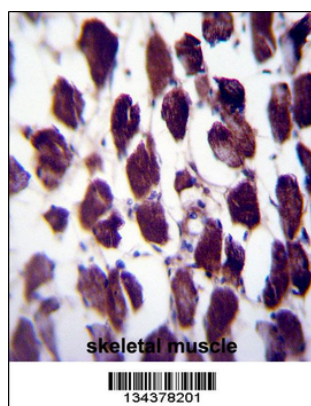
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Anti-POLG Antibody (C-term) at 1:500 dilution + HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 140 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



POLG Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of POLG Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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