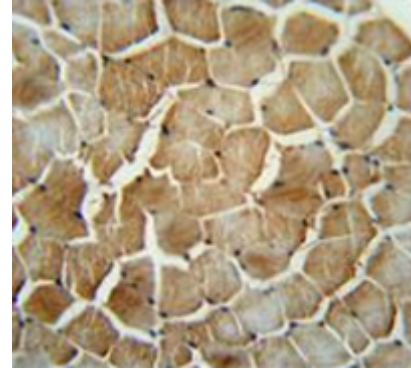


AP52748PU-N**Polyclonal Antibody to MRM1 (N-term) - Aff - Purified**

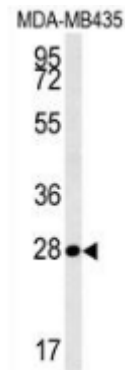
Alternate names:	Mitochondrial large ribosomal RNA ribose methylase, mitochondrial, rRNA methyltransferase 1
Quantity:	0.4 ml
Concentration:	lot specific
Uniprot ID:	Q6IN84
NCBI:	NP_079140
GeneID:	79922
Host / Isotype:	Rabbit / Ig
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 87-117aa) of human MRM1
Format:	State: Liquid purified Ig fraction Purification: Purified through a Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) Sodium azide
Applications:	Flow cytometry: 1/10-1/50. Immunohistochemistry on Paraffin sections: 1/50-1/100. Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes MRM1 at N-term.
Species Reactivity:	Tested: Human
Add. Information:	Molecular Weight: 38638 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Lamesch, P. et al., Genomics 89(3): 307-315 (2007) Wang, A.G. et al., Biochem. Biophys. Res. Commun. 345(3): 1022-1032 (2006)

Pictures:

Immunohistochemistry analysis human skeletal muscle (Formalin-fixed, Paraffin-embedded) using MRM1 antibody Cat.-No. AP52748PU-N (N-term), followed by peroxidase conjugated secondary antibody and DAB staining. This data demonstrates the use of this antibody for IHC. Clinical relevance has not been evaluated.



Western blot analysis in MDA-MB435 cell line lysates (35ug/lane) using MRM1 antibody Cat.-No. AP52748PU-N (N-term). This demonstrates this antibody detected the MRM1 protein (arrow).



Flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram) using MRM1 antibody Cat.-No. AP52748PU-N (N-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.

