

Product datasheet for **AP11445PU-N**

MIPEP (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA 1:1,000. Western blot 1:50 - 1:100. Immunohistochemistry 1:10 - 1:50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human MIPEP
Specificity:	This antibody detects MIPEP at N-term.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mitochondrial intermediate peptidase
Database Link:	Entrez Gene 4285 Human Q99797



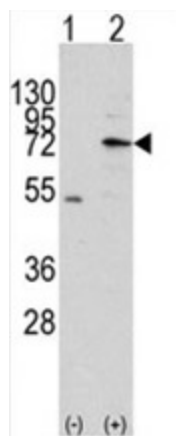
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Background: MIPEP performs the final step in processing a specific class of nuclear-encoded proteins targeted to the mitochondrial matrix or inner membrane. This protein is primarily involved in the maturation of oxidative phosphorylation(OXPHOS)-related proteins. This protein may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia.

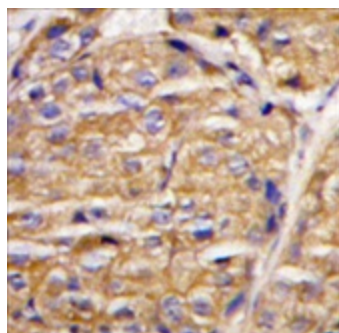
Synonyms: Mitochondrial intermediate peptidase, MIP

Note: Molecular weight: 80612 Da

Product images:



Western blot analysis of MIPEP (arrow) using rabbit polyclonal MIPEP Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MIPEP gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MIPEP antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.