

Rabbit anti-Human MIPEP Polyclonal Antibody | anti-MIPEP antibody

MIPEP Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284016	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

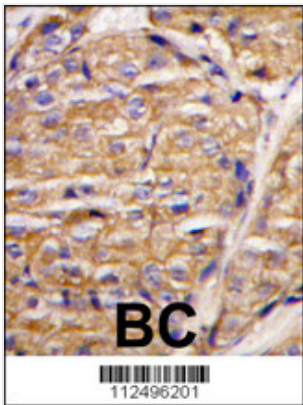
PRODUCT SYNONYMS

MIPEP; Polyclonal Antibody; MIPEP Antibody (N-term); Mitochondrial intermediate peptidase; MIP; anti-MIPEP antibody

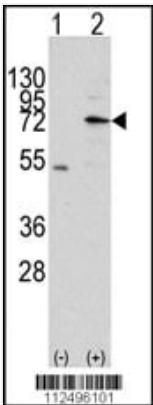
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MIPEP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 180-209 amino acids from the N-terminal region of human MIPEP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	180-209
Sequence Length	713
Applicable Applications for anti-MIPEP antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
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.



WB (Western Blot)
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).

ADDITIONAL INFORMATION

Related Product Information for anti-MIPEP antibody	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.
Product Categories/Family for anti-MIPEP antibody	Metabolism; Signal Transduction
References	Chew A., Genomics 40:493-496(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	156105687
NCBI GeneID	4285
NCBI Accession #	NP_005923.2
NCBI GenBank Nucleotide #	NM_005932.3
UniProt Accession #	Q99797; Q5JV15; Q5T9Q9; Q96G65
Molecular Weight	80641
NCBI Official Full Name	mitochondrial intermediate peptidase
NCBI Official Synonym Full Names	mitochondrial intermediate peptidase
NCBI Official Symbol	MIPEP
NCBI Official Synonym Symbols	MIP; HMIP
NCBI Protein Information	mitochondrial intermediate peptidase
UniProt Protein Name	Mitochondrial intermediate peptidase
UniProt Gene Name	MIPEP
UniProt Synonym Gene Names	MIP; MIP
UniProt Entry Name	MIPEP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mipec-antibody-immunohistochemistry-western-blot-elisa/284016>