

Product datasheet

Anti-MIPEP antibody ab154407

3 Images

Overview

Product name	Anti-MIPEP antibody
Description	Rabbit polyclonal to MIPEP
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to a region within amino acids 180-396 of Human MIPEP (UniProt ID: Q99797).
Positive control	A431 and HepG2 whole cell lysate (ab7900); A431 cells; Human CL15 xenograft tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab154407 in the following tested applications.

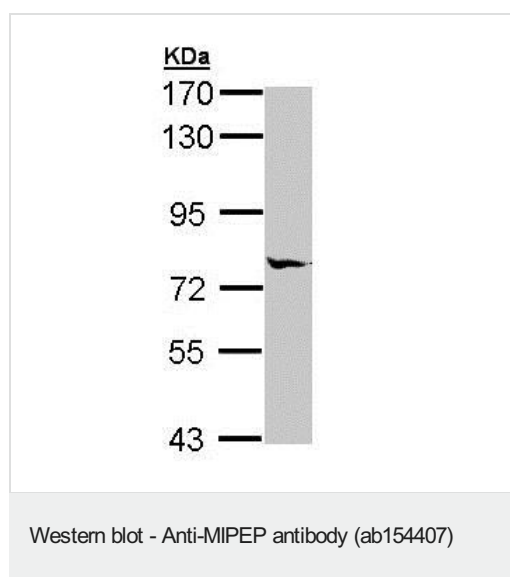
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 81 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval also possible using Tris-EDTA buffer (pH8.0).
ICC/IF		1/100 - 1/1000.

Target

Function	Cleaves proteins, imported into the mitochondrion, to their mature size.
Sequence similarities	Belongs to the peptidase M3 family.
Cellular localization	Mitochondrion matrix.

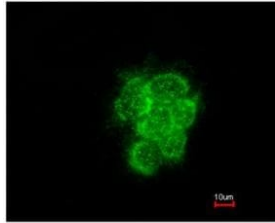
Images



Anti-MIPEP antibody (ab154407) at 1/1000 dilution + A431 whole cell lysate at 30 µg

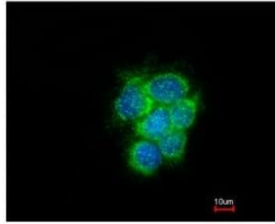
Predicted band size: 81 kDa

7.5% SDS PAGE

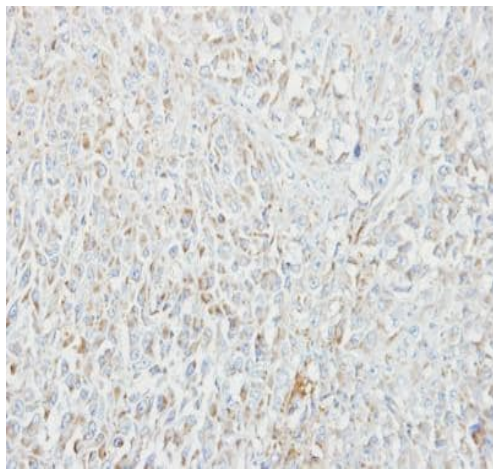


Immunofluorescence analysis of methanol-fixed A431 cells, labeling MIPEP using ab154407 at a 1/200 dilution.

The image in the lower panel was co-stained with Hoechst 33342.



Immunocytochemistry/ Immunofluorescence - Anti-MIPEP antibody (ab154407)



Immunohistochemical analysis of paraffin embedded Human CL15 xenograft tissue, labeling MIPEP using ab154407 at a 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MIPEP antibody (ab154407)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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