

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.

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, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

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).

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

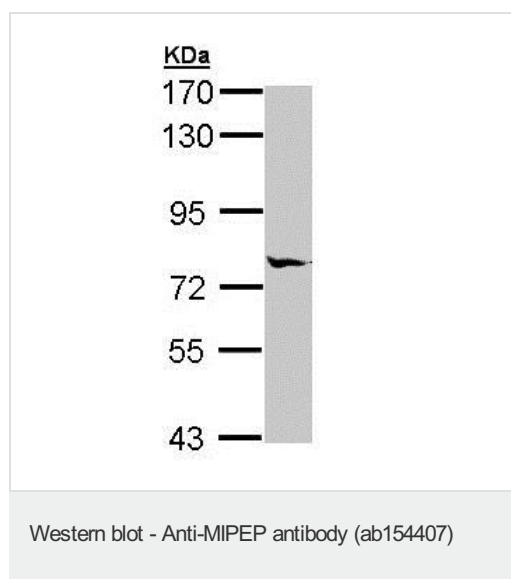
Target

Function Cleaves proteins, imported into the mitochondrion, to their mature size.

Sequence similarities Belongs to the peptidase M3 family.

Cellular localization Mitochondrion matrix.

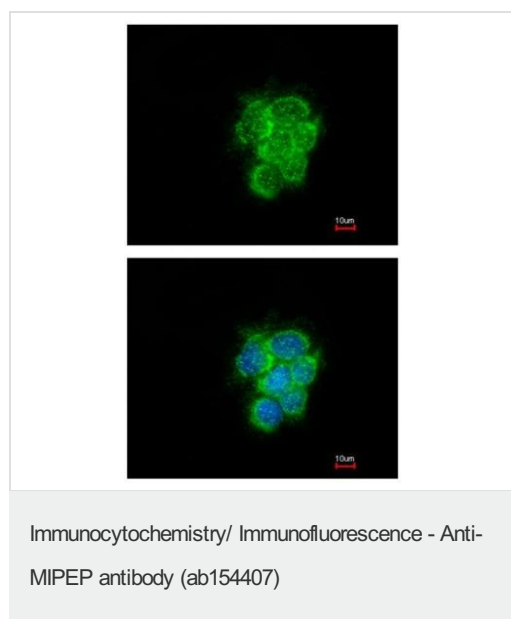
Images



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

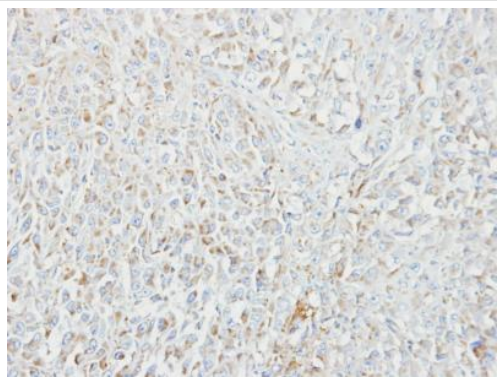
Predicted band size: 81 kDa

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.



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)

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