


Product datasheet

Anti-EPF antibody [EPR4476] ab108600

Recombinant RabMAb

★★★★☆ [5 Abreviews](#) [7 References](#) [10 Images](#)

Overview

Product name	Anti-EPF antibody [EPR4476]
Description	Rabbit monoclonal [EPR4476] to EPF
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: A431, Neuro-2a, A549, and MCF7 cell lysates IHC-P: Human colon and kidney tissues ICC/IF: HeLa cells
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR4476
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108600 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	★★★★★ (4)	1/10000 - 1/50000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/250.

Application notes Is unsuitable for Flow Cyt.

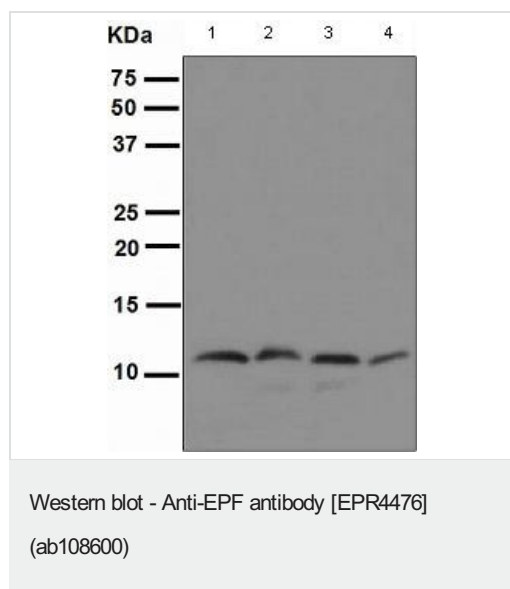
Target

Function Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter.

Sequence similarities Belongs to the GroES chaperonin family.

Cellular localization Mitochondrion matrix.

Images



All lanes : Anti-EPF antibody [EPR4476] (ab108600) at 1/10000 dilution

Lane 1 : A431 cell lysate

Lane 2 : Neuro-2a cell lysate

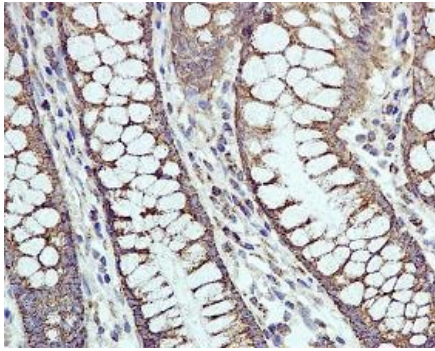
Lane 3 : A549 cell lysate

Lane 4 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 11 kDa

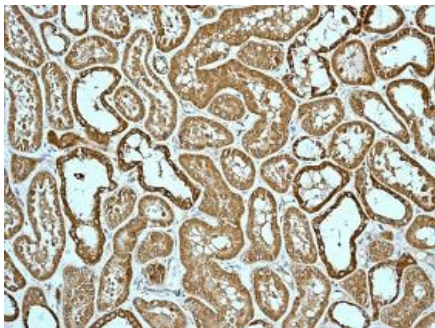
Observed band size: 11 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

Immunohistochemical staining of EPF in paraffin embedded Human colon tissue, using ab108600 at a dilution of 1/250.

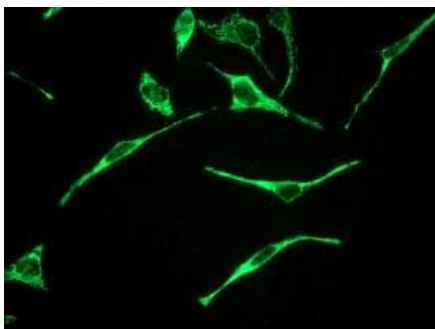
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

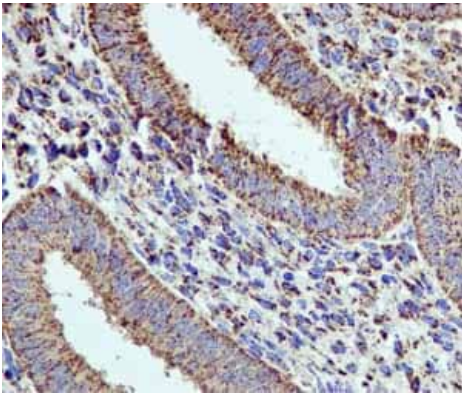
Immunohistochemical staining of EPF in paraffin embedded Human kidney tissue, using ab108600 at a dilution of 1/250.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-EPF antibody [EPR4476] (ab108600)

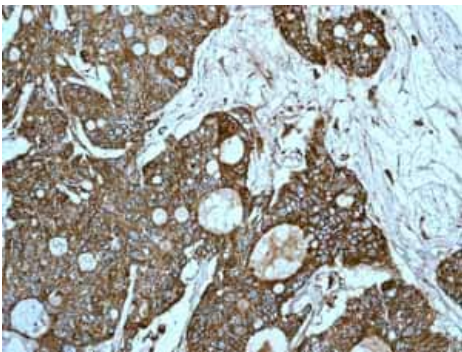
Immunofluorescent staining of EPF in HeLa cells, using ab108600 at a dilution of 1/100.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

ab108600 showing positive staining in Normal uterus tissue.

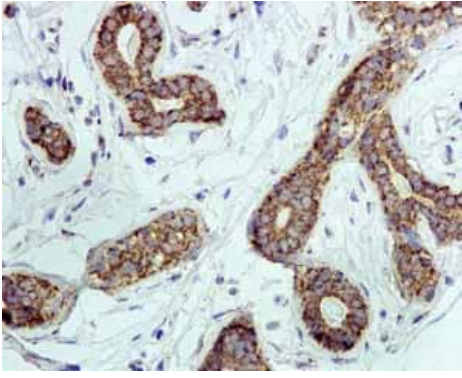
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

ab108600 showing positive staining in Ovarian carcinoma tissue.

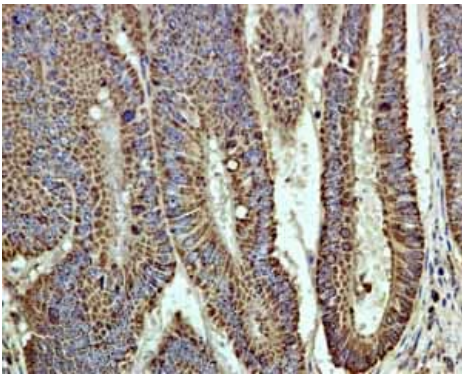
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

ab108600 showing positive staining in Normal breast tissue.

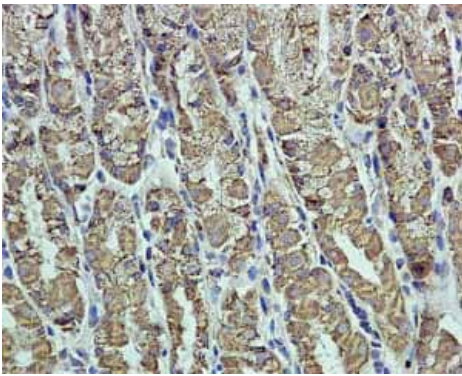
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

ab108600 showing positive staining in Colonic adenocarcinoma tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPF antibody [EPR4476] (ab108600)

ab108600 showing positive staining in Normal stomach tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-EPF antibody [EPR4476] (ab108600)

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

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