


Product datasheet

Anti-Elp4 antibody [EPR4200(2)] ab133687

Recombinant RabMAb

[3 References](#) [4 Images](#)

Overview

Product name	Anti-Elp4 antibody [EPR4200(2)]
Description	Rabbit monoclonal [EPR4200(2)] to Elp4
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF, WB Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human Elp4 aa 300-400 (internal sequence). The exact sequence is proprietary.
Positive control	Human stomach tissue; HepG2 cells; 293T, NIH/3T3, Y79, U87-MG and HeLa whole cell lysate (ab150035).
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: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR4200(2)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab133687 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
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.
WB		1/1000 - 1/10000. Predicted molecular weight: 46 kDa.

Application notes Is unsuitable for Flow Cyt or IP.

Target

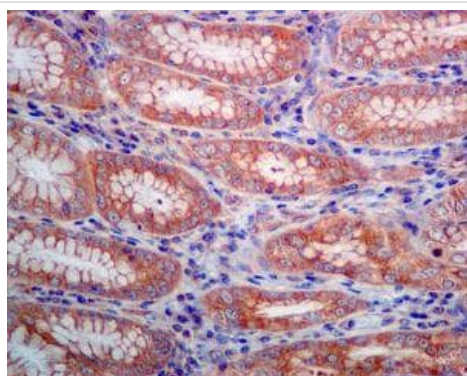
Function Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4.

Tissue specificity Widely expressed.

Sequence similarities Belongs to the ELP4 family.

Cellular localization Cytoplasm. Nucleus.

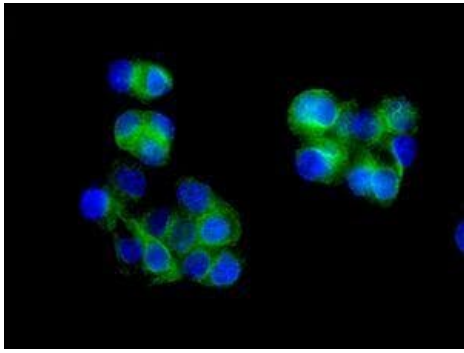
Images



Immunohistochemical analysis of paraffin-embedded Human stomach tissue labelling ELP4 with ab133687 at 1/250 dilution.

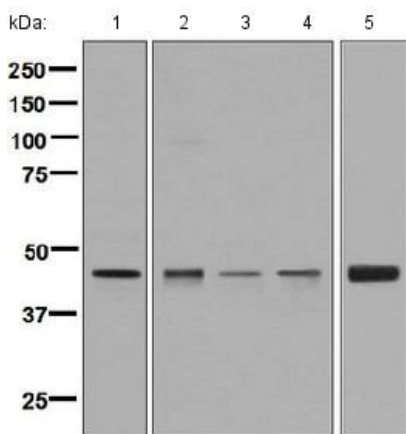
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Elp4 antibody
[EPR4200(2)] (ab133687)



Immunocytochemistry/ Immunofluorescence - Anti-Elp4 antibody [EPR4200(2)] (ab133687)

Immunofluorescent analysis of HepG2 cells labelling Elp4 with ab133687 at 1/250 dilution.



Western blot - Anti-Elp4 antibody [EPR4200(2)] (ab133687)

All lanes : Anti-Elp4 antibody [EPR4200(2)] (ab133687) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : NIH/3T3 cell lysate

Lane 3 : Y79 cell lysate

Lane 4 : U87-MG cell lysate

Lane 5 : HeLa cell lysate

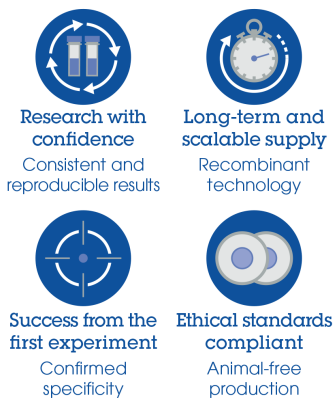
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 46 kDa

Why choose a recombinant antibody?



Anti-Elp4 antibody [EPR4200(2)] (ab133687)

Our Abpromise to you: Quality guaranteed and expert technical support

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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