

Product datasheet

Anti-ERFE/Erythroferrone antibody ab222468

★★★★★ [2 Abreviews](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-ERFE/Erythroferrone antibody |
| Description | Rabbit polyclonal to ERFE/Erythroferrone |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant fragment corresponding to Human ERFE/Erythroferrone aa 50-150. Database link: Q4G0M1 Run BLAST with Run BLAST with |
| Positive control | ICC/IF: RH-30 (human bone marrow metastasis cell line) cells. |
| 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab222468 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 |
|-------------|-----------|--|
| ICC/IF | ★★★★★ (1) | Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100. |

Target

Function

Iron-regulatory hormone that acts as an erythroid regulator after hemorrhage: produced by erythroblasts following blood loss and mediates suppression of hepcidin (HAMP) expression in the liver, thereby promoting increased iron absorption and mobilization from stores. Promotes lipid uptake into adipocytes and hepatocytes via transcriptional up-regulation of genes involved in fatty acid uptake.

Sequence similarities

Belongs to the adipolin/erythroferrone family.
Contains 1 C1q domain.

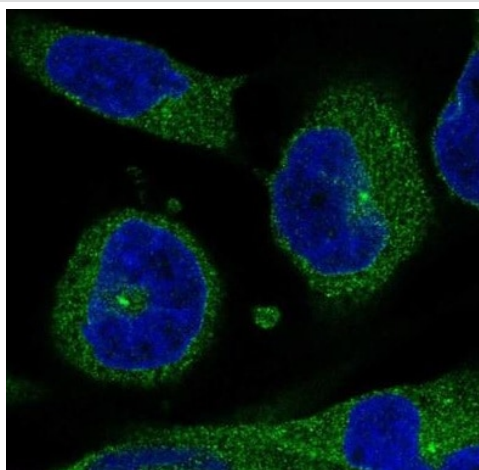
Post-translational modifications

N-glycosylated.

Cellular localization

Secreted.

Images



PFA fixed/ Triton X-100 permeabilized RH-30 (human bone marrow metastasis cell line) cells stained for ERF/Erythroferrone (green) using ab222468 at 4 µg/ml in ICC/IF.

Immunocytochemistry/ Immunofluorescence - Anti-ERFE/Erythroferrone antibody (ab222468)

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

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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