Product datasheet

Anti-Cathepsin L/MEP antibody ab203028

Overview

Product name  Anti-Cathepsin L/MEP antibody
Description  Rabbit polyclonal to Cathepsin L/MEP
Host species  Rabbit
Tested applications  Suitable for: WB, IHC-P
Species reactivity  Reacts with: Rat
Immunogen  Synthetic peptide within Mouse Cathepsin L/MEP aa 50-150 conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.

Immunogen database link: P06797

Positive control  Rat skin tissue; Rat liver lysate.

General notes

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.

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

Properties

Form  Liquid
Storage buffer  pH: 7.2
Preservative: 0.09% Sodium azide  Constituents: 0.01% BSA, 50% Glycerol (glycerin, glycerine)
Aqueous buffered solution
Purity  Protein A purified
Clonality: Polyclonal
Isotype: IgG

Applications

The Abpromise guarantee: Our Abpromise guarantee covers the use of ab203028 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>★★★★★ (1)</td>
<td>1/100 - 1/1000. Predicted molecular weight: 37 kDa.</td>
</tr>
<tr>
<td>IHC-P</td>
<td></td>
<td>1/100 - 1/500. When using a fluorescent probe the recommended dilution is 1/50 – 1/200</td>
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</table>

Target

Function: Important for the overall degradation of proteins in lysosomes.
Sequence similarities: Belongs to the peptidase C1 family.
Cellular localization: Lysosome.

Images

Immunohistochemical analysis of Formalin-fixed, paraffin-embedded rat skin tissue labeling Cathepsin L/MEP with ab203028 at 1/200 dilution with DAB staining.
Western blot - Anti-Cathepsin L/MEP antibody (ab203028)

**All lanes**: Anti-Cathepsin L/MEP antibody (ab203028) at 1/200 dilution

**Lane 1**: Rat liver lysate
**Lane 2**: Rat brain lysate

**Secondary**
**All lanes**: Goat Anti-Rabbit IgG Antibody (H+L), HRP at 1/3000 dilution

**Predicted band size**: 37 kDa

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

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- Replacement or refund for products not performing as stated on the datasheet
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