Product datasheet

Anti-IEX1/IER3 antibody ab65152

6 References 1 Image

Overview

Product name: Anti-IEX1/IER3 antibody
Description: Rabbit polyclonal to IEX1/IER3
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P
Species reactivity: Reacts with: Mouse, Human
Immunogen: Synthetic peptide corresponding to Human IEX1/IER3 (internal sequence).
Positive control: Adrenal tissue
General notes: This product was previously labelled as IEX1

Properties

Form: Liquid
Storage buffer: Preservative: 0.02% Sodium azide
Constituent: PBS
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab65152 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></td>
<td>Use a concentration of 2 - 4 µg/ml. Predicted molecular weight: 17 kDa.</td>
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</tbody>
</table>
### Target

#### Function
May play a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. Acts also as an ERK downstream effector mediating survival. As a member of the NUPR1/REL/IER3 survival pathway, may provide pancreatic ductal adenocarcinoma with remarkable resistance to cell stress, such as starvation or gemcitabine treatment.

#### Sequence similarities
Belongs to the IER3 family.

#### Post-translational modifications
- Phosphorylated at Thr-18, Thr-123 and Ser-126 by MAPK1/ERK2 and probably MAPK3/ERK1.
- Upon phosphorylation by MAPK1/ERK2 and MAPK3/ERK1, acquires the ability to inhibit cell death induced by various stimuli.
- Glycosylated.

#### Cellular localization
Membrane.

### Images

**Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human adrenal tissue, staining IEX1/IER3 with ab65152 at 5 µg/ml.**

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IEX1/IER3 antibody (ab65152)**

### Application
<table>
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<tr>
<td>IHC-P</td>
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<td>Use a concentration of 5 µg/ml.</td>
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### Notes
- **Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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