Product datasheet

Anti-SENP5 antibody ab58420

Overview

Product name: Anti-SENP5 antibody
Description: Rabbit polyclonal to SENP5
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-P
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Synthetic peptide corresponding to Human SENP5 aa 651-700.
Database link: Q96H10
Positive control: IHC-P: Human lung carcinoma. WB: Cos-7 cell extract.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
 Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride
 Without Mg+2 and Ca+2
Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab58420 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>
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<tbody>
<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐</td>
<td>Use at an assay dependent concentration. Detects a band of approximately 87 kDa (predicted molecular weight: 87 kDa).</td>
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<tr>
<td>IHC-P</td>
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**Target**

**Function**
Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO3 to its mature form and deconjugation of SUMO2 and SUMO3 from targeted proteins. Has weak proteolytic activity against full-length SUMO1 or SUMO1 conjugates. Required for cell division.

**Sequence similarities**
Belongs to the peptidase C48 family.

**Cellular localization**
Nucleus > nucleolus.

**Images**

Immunohistochemical analysis of paraffin embedded human lung carcinoma using ab58420 at 1/50 dilution, in the absence or presence of the immunizing peptide.

**Western blot**

**All lanes**: Anti-SENP5 antibody (ab58420) at 1/500 dilution

**Lane 1**: Cos 7 cell extract

**Lane 2**: Cos 7 cell extract with immunizing peptide

**Predicted band size**: 87 kDa

**Observed band size**: 87 kDa

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