Product datasheet

Anti-Follistatin antibody ab64490

★★★★★ 3 Abreviews  2 References  1 Image

Overview

Product name  Anti-Follistatin antibody
Description  Rabbit polyclonal to Follistatin
Host species  Rabbit
Tested applications  Suitable for: WB
Species reactivity  Reacts with: Mouse, Rat, Human
Predicted to work with: Chicken, Cow, Dog, Pig, Chimpanzee, Rhesus monkey

Immunogen  Synthetic peptide conjugated to KLH derived from within residues 300 to the C-terminus of Human Follistatin. Read Abcam's proprietary immunogen policy (Peptide available as ab74741.)

Positive control  Purchase matching WB positive control:
Recombinant Human Follistatin protein

This antibody gave a positive signal in the following Lysates: U2OS Whole Cell, Mouse Liver Tissue, Raji Whole Cell, MOLT4 Whole Cell, Mouse Colon Tissue, Rat Liver Tissue

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer  Preservative: 0.02% Sodium Azide
Constituents: 1% BSA, PBS, pH 7.4
Purity  Immunogen affinity purified
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab64490 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
### Target

<table>
<thead>
<tr>
<th>Function</th>
<th>Binds directly to activin and functions as an activin antagonist. Specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (FSH).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tissue specificity</td>
<td>Isoform 1 is the predominant isoform in serum but is undetectable in follicular fluid.</td>
</tr>
</tbody>
</table>
| Sequence similarities | Contains 3 follistatin-like domains.  
Contains 3 Kazal-like domains.  
Contains 1 TB (TGF-beta binding) domain. |
| Cellular localization | Secreted. |

### Images

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
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<td>Use a concentration of 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa).</td>
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**Western blot - Anti-Follistatin antibody (ab64490)**

**All lanes**: Anti-Follistatin antibody (ab64490) at 1 µg/ml

- **Lane 1**: U2OS (Human osteosarcoma cell line) Whole Cell Lysate
- **Lane 2**: Liver (Mouse) Tissue Lysate
- **Lane 3**: Raji (Human Burkitt's lymphoma cell line) Whole Cell Lysate
- **Lane 4**: MOLT4 (Human acute lymphoblastic leukemia cell line) Whole Cell Lysate
- **Lane 5**: Colon (Mouse) Tissue Lysate
- **Lane 6**: Liver (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes**: Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

- **Predicted band size**: 38 kDa
- **Observed band size**: 38 kDa
- **Additional bands at**: 15 kDa, 75 kDa. We are unsure as to the identity of these extra bands.

**Exposure time**: 1 minute

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**Please note**: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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