**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

Recombinant human Follistatin protein (ab50163) can be used as a positive control in WB. 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.
Function
Binds directly to activin and functions as an activin antagonist. Specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (FSH).

Tissue specificity
Isoform 1 is the predominant isoform in serum but is undetectable in follicular fluid.

Sequence similarities
Contains 3 follistatin-like domains.
Contains 3 Kazal-like domains.
Contains 1 TB (TGF-beta binding) domain.

Cellular localization
Secreted.

Images

**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

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors