

Product datasheet

Anti-IGFBP1 antibody ab4249

Overview

Product name	Anti-IGFBP1 antibody
Description	Rabbit polyclonal to IGFBP1
Host species	Rabbit
Specificity	Recognizes human IGFBP 1. Slight crossreactivity with IGFBP 2, 3, 4 and 5.
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human, Pig Does not react with: Sheep, Goat, Horse, Cow
Immunogen	Full length native protein (purified) from human amniotic fluid.
Positive control	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;"> Purchase matching WB positive control: Recombinant human IGFBP1 protein > </div>

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.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab4249** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 30 kDa. Detects 10ng SDS denatured human IGFBP 1.

Application	Abreviews	Notes
IP		1/500. Precipitates >90% of 10ng IGFBP 1.

Target

Function	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration.
Sequence similarities	Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain.
Post-translational modifications	Phosphorylated; probably by casein kinase II. Alters the affinity of the protein for IGFs.
Cellular localization	Secreted.

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