


Product datasheet

Anti-IGFBP4 antibody ab77350

★★★★☆ [2 Abreviews](#) [3 References](#) [1 Image](#)

Overview

Product name	Anti-IGFBP4 antibody
Description	Goat polyclonal to IGFBP4
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rat, Sheep, Goat, Chicken, Cow, Pig 
Immunogen	Synthetic peptide: KGELDCHQLADSFRE , corresponding to C terminal amino acids 244-258 of Human IGFBP4 (NP_001543.2). Run BLAST with Run BLAST with

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab77350 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)	

Application notes

Peptide ELISA: Use at an assay dependent dilution. Antibody detection limit dilution: 1/8000.
WB: Use at a concentration of 1 - 3 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 28 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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.

Sequence similarities

Contains 1 IGFBP N-terminal domain.
Contains 1 thyroglobulin type-1 domain.

Cellular localization

Secreted.

Images



Anti-IGFBP4 antibody (ab77350) at 1 µg/ml + Human Liver lysate in RIPA buffer at 35 µg

Predicted band size: 28 kDa

Observed band size: 30 kDa

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

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