# abcam

# Product datasheet

# Anti-IGFBP4 antibody ab77350

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#### 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

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# **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	<b>★★★</b> ☆☆ <u>(1)</u>	

#### **Application notes**

Peptide ELISA: Use at an assay dependent dilution. Antibody detection limit dilution: 1/8000. WB: Use at a concentration of 1 - 3  $\mu$ g/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.

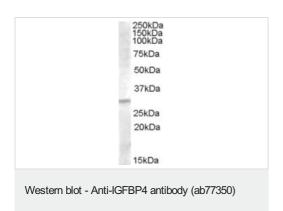
Sequence similarities

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

**Cellular localization** 

Secreted.

#### **Images**



Anti-IGFBP4 antibody (ab77350) at 1  $\mu$ g/ml + Human Liver lysate in RIPA buffer at 35  $\mu$ g

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"

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