# abcam

### Product datasheet

## Anti-BICD2 antibody ab73286

1 References 1 Image

Overview

Product name Anti-BICD2 antibody

**Description** Rabbit polyclonal to BICD2

Host species Rabbit

**Specificity** this antibody does not cross react with BICD1.

Tested applications Suitable for: WB

Species reactivity Reacts with: Human

**Immunogen** Synthetic peptide corresponding to a 13 amino acid peptide from near the carboxy terminus of

human BICD2.

Positive control A549 cell lysate

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. Store at +4°C.

Storage buffer pH: 7.2

Preservative: 0.02% Sodium azide

Constituent: PBS

Purity Immunogen affinity purified

**Clonality** Polyclonal

**Isotype** IgG

**Applications** 

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#### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab73286 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		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 93 kDa (predicted molecular weight: 93 kDa).

#### **Target**

**Function** May play a role in the dynein-dynactin interactions on the surface of membranous organelles, by

associating with these complexes. Regulates coat complex coatomer protein I (COPI)-independent Golgi-endoplasmic reticulum transport by recruiting the dynein-dynactin motor

complex.

Tissue specificity Ubiquitous.

**Sequence similarities** Belongs to the BicD family.

**Domain** The fourth coiled coil region is involved in Golgi targeting and in the interaction with DCTN2.

Post-translational modifications

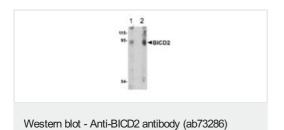
Phosphorylated by NEK9 in vitro.

**Cellular localization** Golgi apparatus. Cytoplasm > cytoskeleton. In interphase cells mainly localizes to the Golgi

complex and colocalizes with dynactin at microtubule plus ends (By similarity). Its localization is

dependent on microtubule morphology.

#### **Images**



**Lane 1**: Anti-BICD2 antibody (ab73286) at 1 μg/ml **Lane 2**: Anti-BICD2 antibody (ab73286) at 2 μg/ml

All lanes: A549 cell lysate

Lysates/proteins at 15 µg/ml per lane.

Predicted band size: 93 kDa Observed band size: 93 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
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- 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

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