


Product datasheet

Anti-14-3-3 beta antibody ab15260

★★★★★ 3 Abreviews 2 References 3 Images

Overview

Product name	Anti-14-3-3 beta antibody
Description	Rabbit polyclonal to 14-3-3 beta
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human 14-3-3 beta aa 1-100 (N terminal). The exact sequence is proprietary. Database link: P31946

General notes

This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

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. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

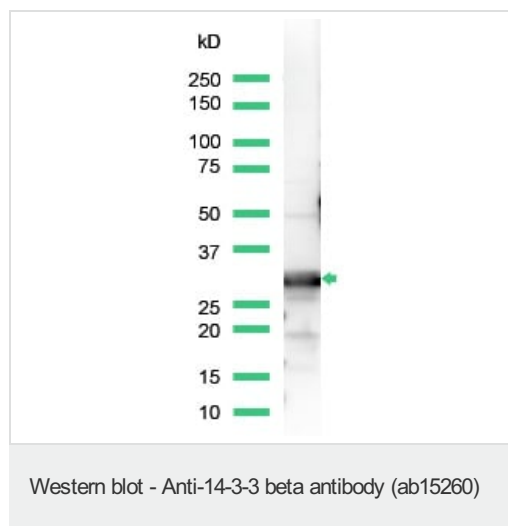
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab15260 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 5 µg/ml.
WB	★★★★★ (3)	Use at an assay dependent concentration. Predicted molecular weight: 28 kDa.
IHC-P		1/100.

Target

Function	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis.
Sequence similarities	Belongs to the 14-3-3 family.
Post-translational modifications	The alpha, brain-specific form differs from the beta form in being phosphorylated. Isoform Short contains a N-acetylmethionine at position 1.
Cellular localization	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

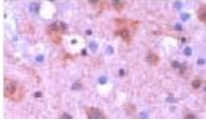
Images



Anti-14-3-3 beta antibody (ab15260) at 1/25 dilution + HeLa cell lysate

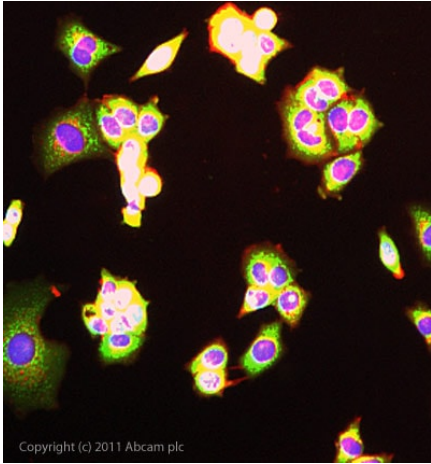
Predicted band size: 28 kDa

Observed band size: 28 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-14-3-3 beta antibody (ab15260)

ab15260 staining 14-3-3 beta in human brain by Immunohistochemistry (FFPE-sections).



Immunocytochemistry/ Immunofluorescence - Anti-14-3-3 beta antibody (ab15260)

ICC/IF image of ab15260 stained MCF-7 cells. The cells were 100% methanol fixed (5 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab15260, 5µg/ml) overnight at +4°C. The secondary antibody (green) was [ab96899](#) Dylight 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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

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