


Product datasheet

Anti-Brd4 antibody ab84776

★★★★★ [2 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-Brd4 antibody
Description	Rabbit polyclonal to Brd4
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Elephant 
Immunogen	Synthetic peptide corresponding to a region between residue 1312 and 1362 of human (NP_490597.1).
General notes	Concentration is optimized for IHC and not determined 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: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
Purity	Immunogen affinity purified
Purification notes	ab84776 was affinity purified using an epitope specific to BRD4 immobilized on solid support. Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
Clonality	Polyclonal

Isotype IgG

Applications

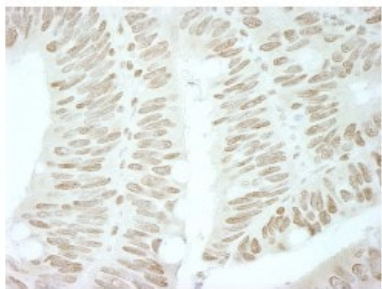
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab84776 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/500.

Target

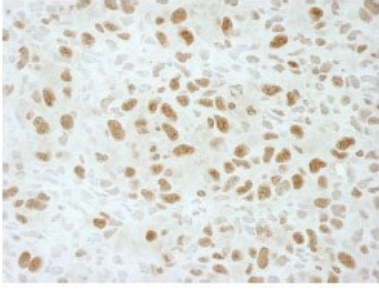
Function	Plays a role in a process governing chromosomal dynamics during mitosis.
Tissue specificity	Ubiquitously expressed.
Involvement in disease	Note=A chromosomal aberration involving BRD4 is found in a rare, aggressive, and lethal carcinoma arising in midline organs of young people. Translocation t(15;19)(q14;p13) with NUT which produces a BRD4-NUT fusion protein.
Sequence similarities	Contains 2 bromo domains.
Cellular localization	Nucleus.

Images



Staining of Brd4 by Immunohistochemistry on a formalin fixed, paraffin embedded section of human colon carcinoma using a 1/500 dilution of ab84776. Detection: DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Brd4 antibody (ab84776)



Staining of Brd4 by Immunohistochemistry on a formalin fixed, paraffin embedded section of mouse teratoma using a 1/100 dilution of ab84776. Detection: DAB staining

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Brd4 antibody (ab84776)

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

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