




Anti-Brd4 antibody ab223223

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Overview

Product name	Anti-Brd4 antibody
Description	Goat polyclonal to Brd4
Host species	Goat
Specificity	ab223223 is expected to recognize both reported isoforms (NP_490597.1; NP_055114.1).
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Dog, Human 
Immunogen	Synthetic peptide corresponding to Human Brd4 aa 1-100 (internal sequence) (Cysteine residue). (NP_490597.1). Database link: O60885 <div>  Run BLAST with  Run BLAST with </div>
Positive control	WB: Mouse testis lysate.
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab223223 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

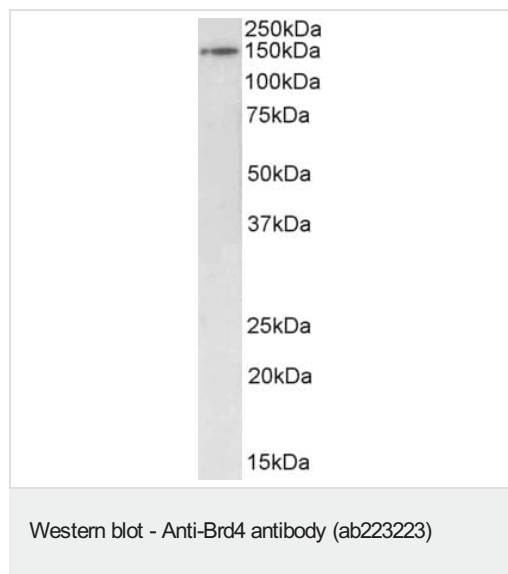
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab223223 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 150 kDa (predicted molecular weight: 152 kDa). 1 hour primary incubation is recommended for this product.

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



Anti-Brd4 antibody (ab223223) at 1 µg/ml + Mouse testis lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 152 kDa

Observed band size: 150 kDa

Primary incubation was 1 hour.

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

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