


Anti-RbBP5 antibody ab80074

[1 References](#) [1 Image](#)

Overview

Product name	Anti-RbBP5 antibody
Description	Rabbit polyclonal to RbBP5
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Cow, Zebrafish 
Immunogen	Synthetic peptide corresponding to Human RbBP5 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as ab87828)
Positive control	This antibody gave a positive signal in the following whole cell lysates: WER1; Y79; SW480; HEK293.
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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

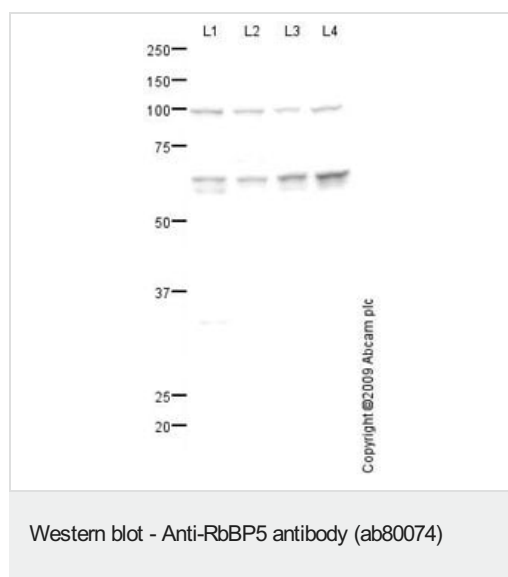
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab80074 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 59 kDa).

Target

Function	As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation.
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Contains 6 WD repeats.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



All lanes : Anti-RbBP5 antibody (ab80074) at 1 µg/ml

Lane 1 : WERI (Human Retinoblastoma) Whole Cell Lysate

Lane 2 : Y79 (Human retinoblastoma cell line) Whole Cell Lysate

Lane 3 : SW480 (Human colon adenocarcinoma cell line) Whole Cell Lysate

Lane 4 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 59 kDa

Observed band size: 60,65 kDa

Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

RbBP5 contains a number of potential phosphorylation sites (SwissProt) which may explain the migration pattern observed. The antibody should cross-react with both isoform 1 (59-kDa) and isoform 2 (55-kDa) of RbBP5.

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

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