

## Product datasheet

# Anti-BACH2 antibody ab83364

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### Overview

<b>Product name</b>	Anti-BACH2 antibody
<b>Description</b>	Rabbit polyclonal to BACH2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal sequence amino acids 792-841 (SGRRLEGTDG GTFSEKGPPL EPRSQTIVTD FCQEMTDKCT TDEQPRKDYT) of Human BACH2 (NP_068585). <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	293T cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab83364** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

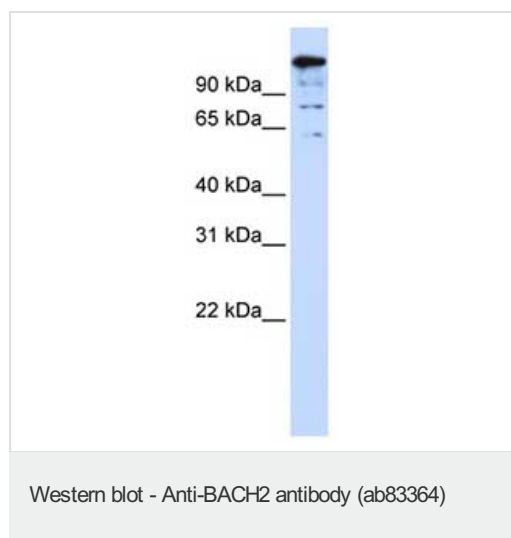
Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml.

Application	Abreviews	Notes
WB	★★★★☆	Use a concentration of 1 µg/ml. Predicted molecular weight: 93 kDa. Can be blocked with <a href="#">Human BACH2 peptide (ab111653)</a> . Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent concentration. Titre using peptide based assay: 1/1562500.

## Target

<b>Function</b>	Transcriptional regulator that acts as repressor or activator. Binds to Maf recognition elements (MARE). Play important roles in coordinating transcription activation and repression by MAFK.
<b>Tissue specificity</b>	B-cell specific.
<b>Sequence similarities</b>	Belongs to the bZIP family, CNC subfamily. Contains 1 BTB (POZ) domain. Contains 1 bZIP domain.
<b>Cellular localization</b>	Nucleus.

## Images



Anti-BACH2 antibody (ab83364) at 1 µg/ml (in 5% skim milk / PBS buffer) + 293T cell lysate at 10 µg

### Secondary

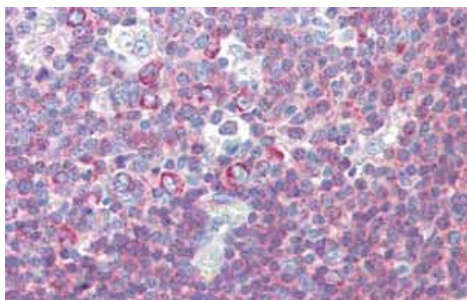
HRP conjugated anti-Rabbit IgG at 1/50000 dilution

**Predicted band size:** 93 kDa

**Observed band size:** >90 kDa

**Additional bands at:** 60 kDa, 80 kDa. We are unsure as to the identity of these extra bands.

Gel concentration: 12%



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue labelling BACH2 with ab83364 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BACH2 antibody (ab83364)

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