

Product datasheet

Anti-BACH2 antibody ab83364

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Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	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.

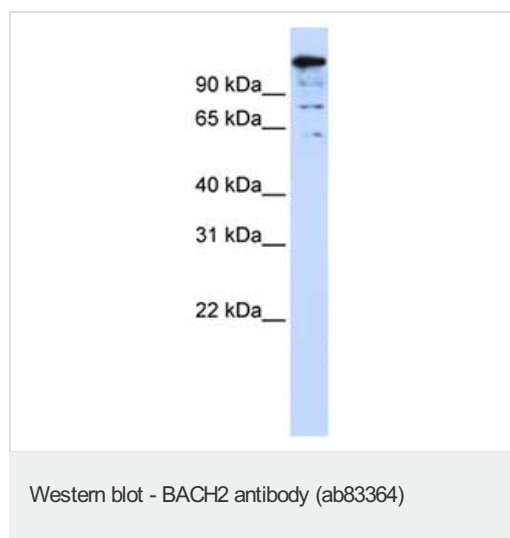
Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml.

Application	Abreviews	Notes
WB	★★★★☆	Use a concentration of 1 µg/ml. Predicted molecular weight: 93 kDa. Can be blocked with Human BACH2 peptide (ab111653) . 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

Function	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.
Tissue specificity	B-cell specific.
Sequence similarities	Belongs to the bZIP family, CNC subfamily. Contains 1 BTB (POZ) domain. Contains 1 bZIP domain.
Cellular localization	Nucleus.

Images



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

Secondary

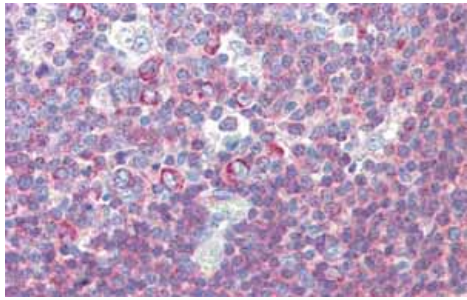
HRP conjugated anti-Rabbit IgG at 1/50000 dilution

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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