

Product datasheet

Anti-Mib1/Mindbomb antibody ab74134

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Overview

Product name	Anti-Mib1/Mindbomb antibody
Description	Rabbit polyclonal to Mib1/Mindbomb
Host species	Rabbit
Tested applications	Suitable for: WB, ICC, IHC-Fr
Species reactivity	Reacts with: Drosophila melanogaster
Immunogen	Synthetic peptide derived from the N terminal domain of Drosophila melanogaster (Fruit fly) Mib1/Mindbomb.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab74134** in the following tested applications.

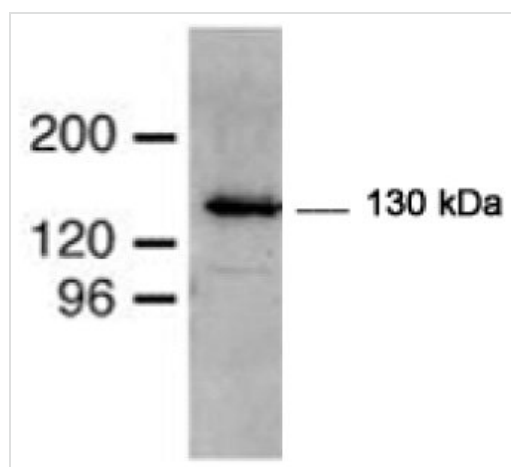
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 130 kDa.
ICC		Use at an assay dependent concentration.
IHC-Fr	★ ★ ★ ☆ ☆	1/50 - 1/100.

Target

Function	E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis.
Tissue specificity	Widely expressed at low level. Expressed at higher level in spinal cord, ovary, whole brain, and all specific brain regions examined.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 9 ANK repeats. Contains 2 MIB/HERC2 domains. Contains 3 RING-type zinc fingers. Contains 1 ZZ-type zinc finger.
Post-translational modifications	Ubiquitinated. Possibly via autoubiquitination.
Cellular localization	Cytoplasm. Cell membrane. Localizes to the plasma membrane (By similarity). According to PubMed:15048887, it is mitochondrial, however such localization remains unclear.

Images



Anti-Mib1/Mindbomb antibody (ab74134) +
S2 cells

Predicted band size: 130 kDa

Observed band size: 130 kDa

Western blot - Anti-Mib1/Mindbomb antibody
(ab74134)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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