

Product datasheet

Anti-MIRO2 antibody ab67588

1 Image

Overview

Product name	Anti-MIRO2 antibody
Description	Mouse polyclonal to MIRO2
Host species	Mouse
Specificity	This antibody has been tested with MIRO2 transfected 293T cell lysate. We have no data on endogenous samples.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein corresponding to Human MIRO2. Database link: Q8IX11
Positive control	MIRO2 transfected 293T cell lysate

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	pH: 7.20 Constituent: 2.68% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab67588** in the following tested applications.

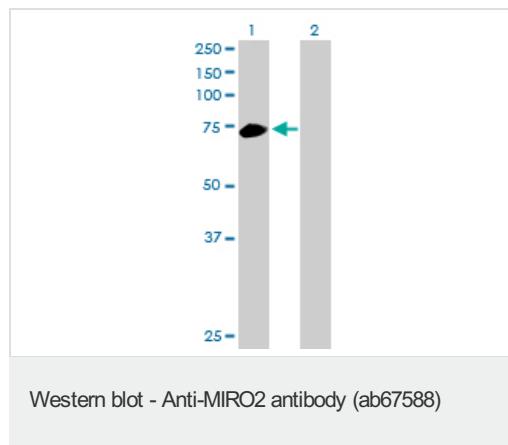
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 68 kDa.

Target

Function	Mitochondrial GTPase involved in mitochondrial trafficking. Probably involved in control of anterograde transport of mitochondria and their subcellular distribution.
Tissue specificity	Ubiquitously expressed. Highly expressed in heart, liver, skeletal muscle, kidney and pancreas.
Sequence similarities	Belongs to the mitochondrial Rho GTPase family. Contains 2 EF-hand domains. Contains 2 Miro domains.
Cellular localization	Mitochondrion outer membrane. Colocalizes with MGARP and RHOT2 at the mitochondria.

Images



All lanes : Anti-MIRO2 antibody (ab67588) at 1/500 dilution

Lane 1 : RHOT2 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Observed band size: 68 kDa

[why is the actual band size different from the predicted?](#)

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