


Product datasheet

Anti-MTO1 antibody ab58667

Overview

| | |
|----------------------------|--|
| Product name | Anti-MTO1 antibody |
| Description | Rabbit polyclonal to MTO1 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, ELISA |
| Species reactivity | Reacts with: Recombinant fragment Predicted to work with: Human  |
| Immunogen | A synthetic peptide corresponding to C terminal residues of Human MTO1 |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: 0.01% Sodium Azide Constituents: 50% Glycerol, PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab58667** 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. Predicted molecular weight: 80 kDa. This antibody has been tested in Western blot against the recombinant peptide used as an immunogen. We have no data on detection of endogenous protein. |
| ELISA | | Use at an assay dependent dilution. |

Target

Relevance The Protein MTO1 homolog is involved in the 5 carboxymethylaminomethyl modification (mnm(5)s(2)U34) of the wobble uridine base in mitochondrial tRNAs. It is ubiquitously expressed in various tissues, but with a markedly elevated expression in tissues of high metabolic rates including cochlea. The protein belongs to the gidA family.

Cellular localization Mitochondrial

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors