


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

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