



Datasheet for ABIN7043330  
**anti-MANF antibody (Mature)**



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2 Images

Overview

Quantity:	25 µL
Target:	MANF
Binding Specificity:	AA 91-104, Mature
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MANF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EVSKPLAHHIPVEK, corresponding to amino acid residues 91-104 of human MANF
Isotype:	IgG
Characteristics:	Anti-MANF/ARMET Antibody (ABIN7043330, ABIN7044787 and ABIN7044788) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize MANF from human, rat and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	MANF
Alternative Name:	MANF/ARMET ( <a href="#">MANF Products</a> )
Background:	Alternative names: MANF/ARMET, Mesencephalic astrocyte-derived neurotrophic factor, Arginine-rich mutated in early stage tumors, ARP
Gene ID:	7873
NCBI Accession:	<a href="#">NM_006010</a>
UniProt:	<a href="#">P55145</a>

## Application Details

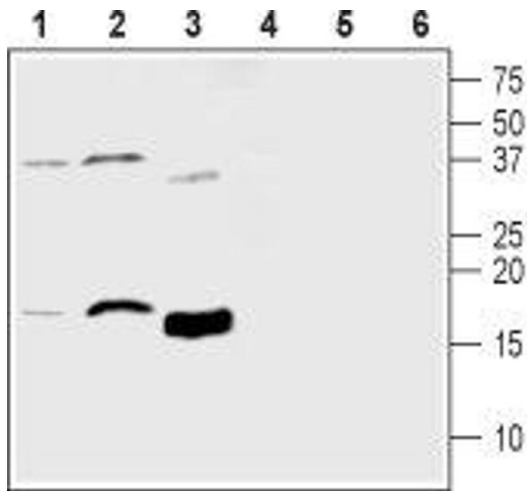
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

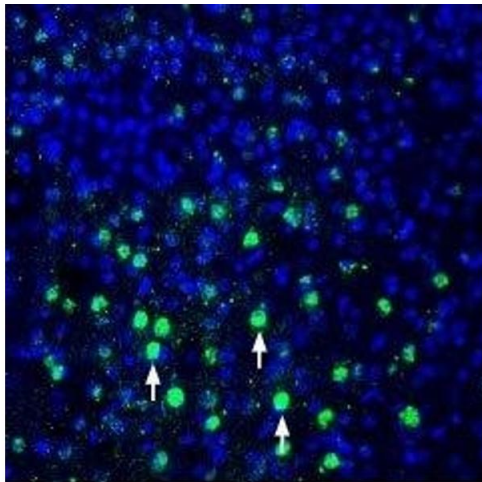
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Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



### Western Blotting

**Image 1.** Western blot analysis of mouse brain lysate (lanes 1 and 4), rat brain lysate (lanes 2 and 5) and human recombinant MANF protein (lanes 3 and 6): - 1-3. Anti-MANF/ARMET Antibody (ABIN7043330, ABIN7044787 and ABIN7044788), (1:200). 4-6. Anti-MANF/ARMET Antibody, preincubated with MANF/ARMET Blocking Peptide (#BLP-NT028).



### Immunohistochemistry

**Image 2.** Expression of MANF in rat parietal cortex - Immunohistochemical staining of perfusion-fixed frozen rat brain sections using Anti-MANF/ARMET Antibody (ABIN7043330, ABIN7044787 and ABIN7044788), (1:600), followed by goat anti-rabbit-AlexaFluor-488 secondary antibody. Sections derived from parietal cortex of a rat at postnatal day 22 reveal MANF staining (green) in nuclei and cytoplasm of several cells (arrows) in deep layers of the cortex. Nuclei are stained with DAPI (blue).