

Datasheet for ABIN654568
anti-MAMSTR antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	MAMSTR
Binding Specificity:	AA 9-37, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAMSTR antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAMSTR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human MAMSTR.
Clone:	RB28334
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAMSTR
Alternative Name:	MAMSTR (MAMSTR Products)

Target Details

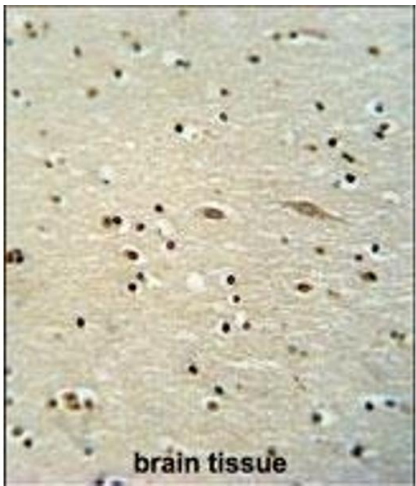
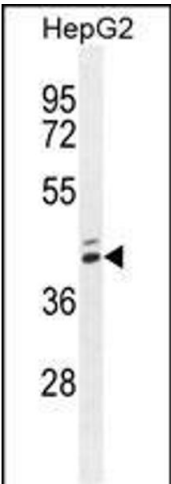
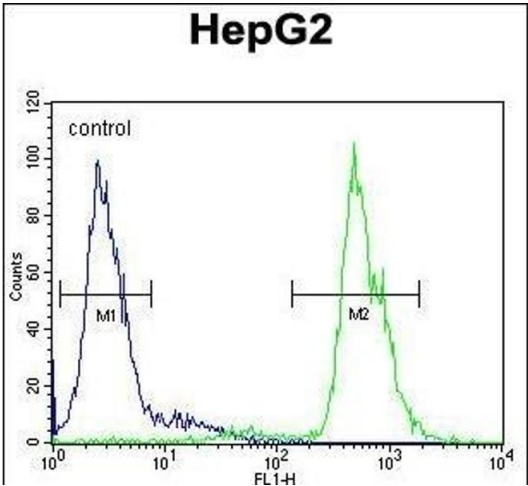
Background:	Transcriptional coactivator. Stimulates the transcriptional activity of MEF2C. Stimulates MYOD1 activity in part via MEF2, resulting in an enhancement of skeletal muscle differentiation (By similarity).
Gene ID:	284358
NCBI Accession:	NP_001124387 , NP_872380
UniProt:	Q6ZN01
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. MSTR Antibody (N-term) (ABIN654568 and ABIN2844273) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. MSTR Antibody (N-term) (ABIN654568 and ABIN2844273) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the MSTR antibody detected the MSTR protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. MSTR antibody (N-term) (ABIN654568 and ABIN2844273) immunohistochemistry analysis in forlin fixed and paraffin embedded hun brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MSTR antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.