

Datasheet for ABIN953289

anti-MAMSTR antibody (N-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	MAMSTR
Binding Specificity:	AA 16-45, 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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 16-45 amino acids from the N-terminal region of human MAMSTR
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MAMSTR (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MAMSTR
Alternative Name:	MAMSTR (MAMSTR Products)

Target Details

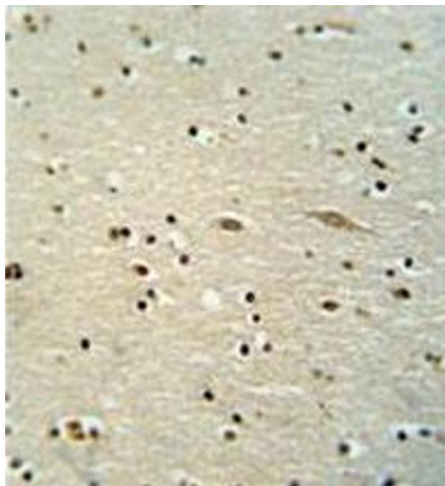
Background:	Transcriptional coactivator. Stimulates the transcriptional activity of MEF2C. Stimulates MYOD1 activity in part via MEF2, resulting in an enhancement of skeletal muscle differentiation (By similarity).Synonyms: MASTR, MEF2-activating SAP transcriptional regulatory protein, MEF2-activating motif and SAP domain-containing transcriptional regulator
Molecular Weight:	44632 Da
Gene ID:	284358
NCBI Accession:	NP_001124387
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

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

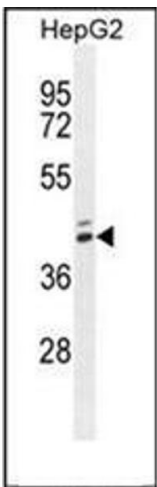
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



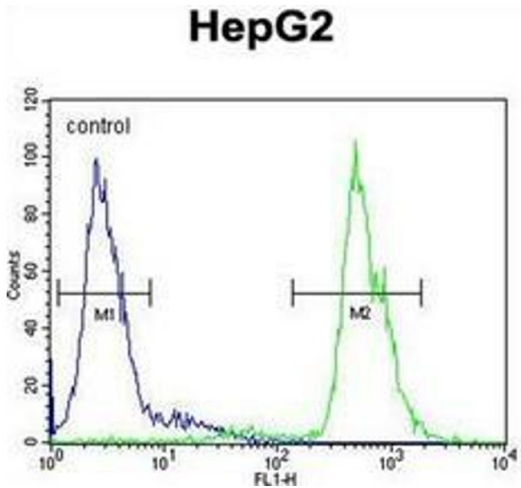
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with MAMSTR Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of MAMSTR Antibody (N-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the MAMSTR antibody detected the MAMSTR protein (arrow).



Flow Cytometry

Image 3. Fow cytometric analysis of HepG2 cells using MAMSTR Antibody (N-term) Cat.-No AP52592PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.