

Datasheet for ABIN6989537
anti-MSTN antibody (AA 301-375)



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Overview

Quantity:	100 µL
Target:	MSTN
Binding Specificity:	AA 301-375
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSTN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GDF8
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MSTN
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Target Details

Alternative Name:	GDF8 (MSTN Products)
Background:	Synonyms: GDF 8, GDF-8, GDF8_HUMAN, Growth differentiation factor 8, Growth/Differentiation Factor 8, MSTN, myostatin, OTTHUMP00000163498. Background: The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. This gene is thought to encode a secreted protein which negatively regulates skeletal muscle growth. Acts specifically as a negative regulator of skeletal muscle growth. [SUBUNIT] Homodimer, [TISSUE SPECIFICITY] Expressed specifically in developing and adult skeletal muscle. Weak expression in adipose tissue. Belongs to the TGF-beta family.
Gene ID:	2660
UniProt:	O14793

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months