

Datasheet for ABIN674478

anti-MSTN antibody (AA 281-375) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MSTN
Binding Specificity:	AA 281-375
Reactivity:	Human, Mouse, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSTN antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, 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:	Human, Mouse, Pig, Rat
Predicted Reactivity:	Cow, Sheep, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	MSTN
Alternative Name:	GDF8/MSTN (MSTN Products)

Target Details

Background:	Synonyms: GDF8, MSLHP, Growth/differentiation factor 8, GDF-8, Myostatin, MSTN 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.
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Gene ID:	2660
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UniProt:	O14793
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months