

Datasheet for ABIN3031922
anti-MSTN antibody (AA 9-38)[Go to Product page](#)

3 Images

Overview

Quantity:	0.2 mL
Target:	MSTN
Binding Specificity:	AA 9-38
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSTN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 9-38 from the human protein was used as the immunogen for this Myostatin antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Pig, Primate
Purification:	Purified

Target Details

Target:	MSTN
Alternative Name:	Myostatin (MSTN Products)
Background:	GDF8 is a member of the bone morphogenetic protein (BMP) family and the TGF-beta

Target Details

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.

UniProt: [O14793](#)

Application Details

Application Notes: Titration of the Myostatin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50

Restrictions: For Research Use only

Handling

Format: Liquid

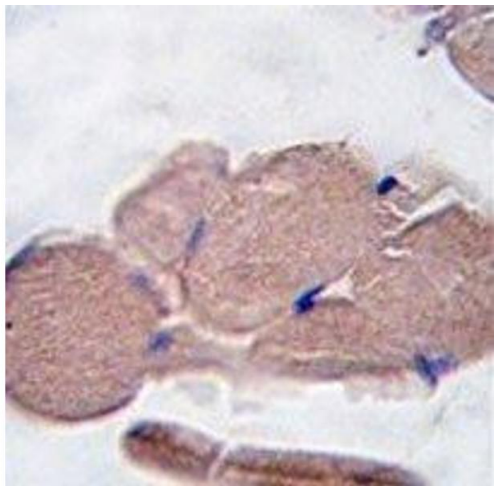
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

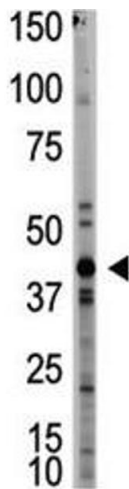
Storage: -20 °C

Storage Comment: Aliquot the Myostatin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



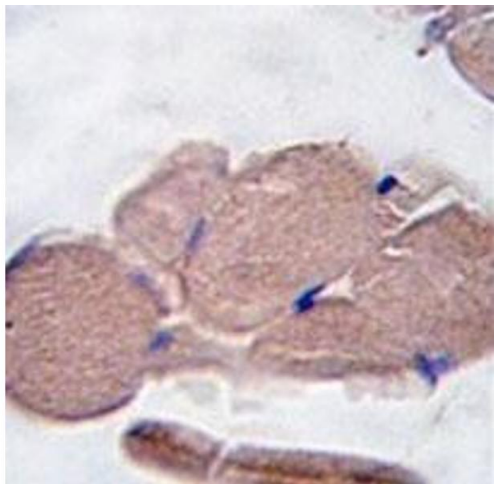
Immunohistochemistry

Image 1. IHC analysis of FFPE human skeletal muscle tissue stained with Myostatin antibody



Western Blotting

Image 2. Western blot analysis of Myostatin antibody and mouse liver tissue lysate



Immunohistochemistry

Image 3. IHC analysis of FFPE human skeletal muscle tissue stained with Myostatin antibody