

Myostatin Antibody

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Ovine (Ov)
Mouse (Ms)	

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunohistochemistry (IHC)	1:50

Published Applications	Dilution
Western Blot (WB)	See publications

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	PA5-11936
Size:	400 µL
Class:	Polyclonal
Type:	Antibody
Clone:	
Host / Isotype:	Rabbit / IgG
Immunogen:	KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human Myostatin (GDF8)

Form Information	
Form:	Liquid
Concentration:	Lot-specific
Purification:	Antigen affinity chromatography
Storage Buffer:	PBS
Preservative:	0.09% sodium azide
Storage Conditions:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C

Product Specific Information

This antibody is predicted to react with bovine, porcine and non-human primate based on sequence homology.

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General Information

GDF8 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.

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