

Product datasheet for **AP02127PU-N**

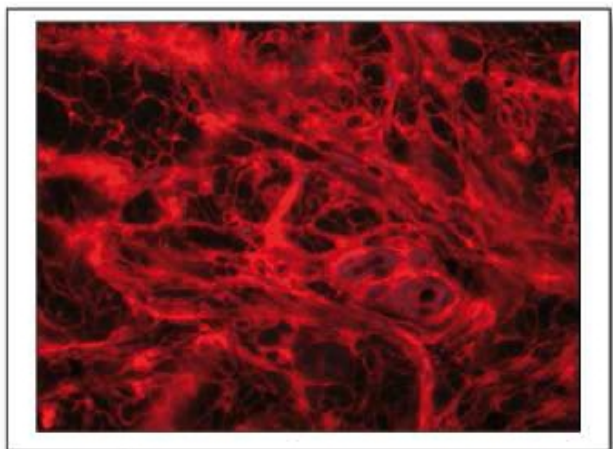
Myostatin Propeptide (MSTN) Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA (1/400). Immunohistochemistry on Paraffin Sections (1/100).
Reactivity:	Human
Host:	Chicken
Clonality:	Polyclonal
Immunogen:	Recombinant Human Myostatin.
Specificity:	This antibody detects Myostatin.
Formulation:	PBS pH 7.4 State: Purified State: Lyophilized purified IgY fraction
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	myostatin
Database Link:	Entrez Gene 2660 Human O14793
Background:	Myostatin (GDF8) is expressed uniquely in human skeletal muscle as a 12 kDa mature glycoprotein consisting of 113 amino acid residues and secreted into plasma. Myostatin is a member of the transforming growth factor β superfamily of secreted growth and differentiation factors that is essential for proper regulation of skeletal muscle mass. Studies have shown that myostatin could play an important role in cardiac development and physiology.
Synonyms:	MSTN, GDF8, GDF-8, Growth differentiation factor 8
Note:	LocusID 2660



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Product images:

Immunofluorescence of Myostatin in Paraffin Section of Human finger pad. The section was incubated with Myostatin antibody Cat.-No AP02127PU (1/100) followed by an appropriate secondary antibody coupled to Cy3. Original magnification: x40