



Product datasheet

Anti-GDF8 / Myostatin antibody ab203076

[15 References](#) [2 Images](#)

Overview

Product name	Anti-GDF8 / Myostatin antibody
Description	Rabbit polyclonal to GDF8 / Myostatin
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat
Immunogen	<p>Synthetic peptide within Human GDF8/ Myostatin aa 300 to the C-terminus conjugated to keyhole limpet haemocyanin. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.</p> <p>Database link: O14793</p> <p style="text-align: right;"> Run BLAST with  Run BLAST with</p>
Positive control	WB: Mouse muscle lysate, Rat muscle lysate, Rat tongue lysate, Mouse skeletal muscle lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Proclin 300</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X</p> <p>Aqueous buffered solution.</p>
Purity	Protein A purified

Clonality Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab203076 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/1000. Predicted molecular weight: 43 kDa.

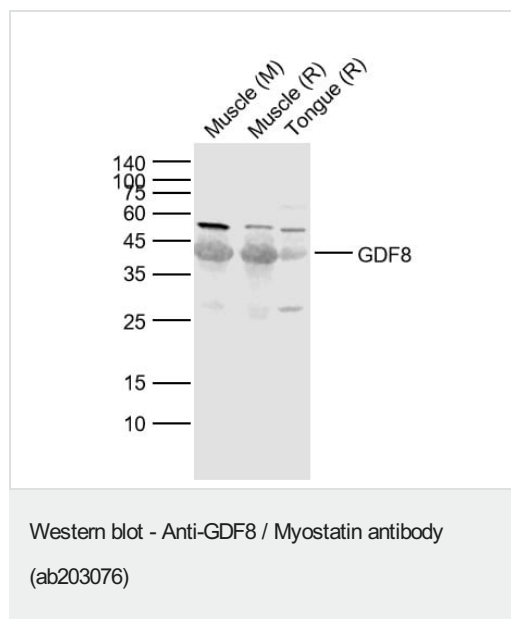
Target

Function Acts specifically as a negative regulator of skeletal muscle growth.

Sequence similarities Belongs to the TGF-beta family.

Cellular localization Secreted.

Images



All lanes : Anti-GDF8 / Myostatin antibody (ab203076) at 1/1000 dilution

Lane 1 : Mouse muscle lysate

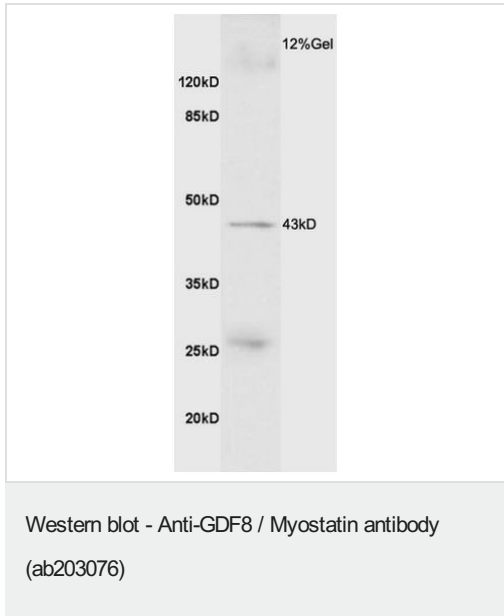
Lane 2 : Rat muscle lysate

Lane 3 : Rat tongue lysate

Secondary

All lanes : Conjugated secondary at 1/20000 dilution

Predicted band size: 43 kDa



Anti-GDF8 / Myostatin antibody (ab203076) at 1/200 dilution
(overnight at 4°C) + Mouse skeletal muscle lysate

Secondary

Goat Anti-Rabbit IgG Antibody (H+L), HRP Conjugated (90 min at 37°C) at 1/3000 dilution

Predicted band size: 43 kDa

Observed band size: 43 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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