

Product datasheet

Anti-Bag3 antibody ab112016

3 Images

Overview

Product name	Anti-Bag3 antibody
Description	Goat polyclonal to Bag3
Host species	Goat
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: C-SSMTDTPGNPAAP , corresponding to C terminal amino acids 563-575 of Human Bag3. Run BLAST with Run BLAST with
Positive control	Human Heart, Human Skeletal Muscle and Human Placenta tissue
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.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

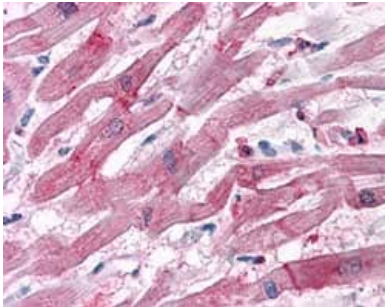
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab112016 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 3.75 µg/ml.

Target

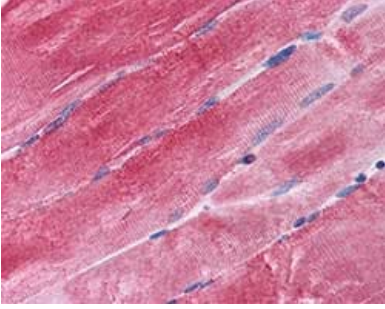
Function	Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Has anti-apoptotic activity.
Involvement in disease	Defects in BAG3 are the cause of myopathy myofibrillar BAG3-related (MFM-BAG3) [MIM:612954]. A neuromuscular disorder that results in early-onset, severe, progressive, diffuse muscle weakness associated with cardiomyopathy, severe respiratory insufficiency during adolescence, and a rigid spine in some patients. At ultrastructural level, muscle fibers display structural alterations consisting of replacement of the normal myofibrillar markings by small, dense granules, or larger hyaline masses, or amorphous material.
Sequence similarities	Contains 1 BAG domain. Contains 2 WW domains.

Images



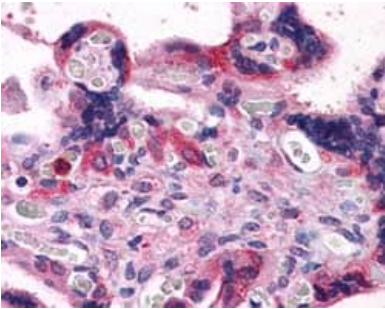
Immunohistochemical analysis of Bag3 expression in formalin-fixed, paraffin-embedded Human heart tissue using ab112016 at 3.75 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bag3 antibody (ab112016)



Immunohistochemical analysis of Bag3 expression in formalin-fixed, paraffin-embedded Human skeletal muscle tissue using ab112016 at 3.75 $\mu\text{g/ml}$.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bag3 antibody (ab112016)



Immunohistochemical analysis of Bag3 expression in formalin-fixed, paraffin-embedded Human placenta tissue using ab112016 at 3.75 $\mu\text{g/ml}$.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bag3 antibody (ab112016)

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

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