




Product datasheet

Anti-FAM65B antibody ab234646

2 Images

Overview

Product name	Anti-FAM65B antibody
Description	Rabbit polyclonal to FAM65B
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Chicken, Cow 
Immunogen	Recombinant fragment corresponding to Human FAM65B aa 1-250. Database link: Q9Y4F9  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human skeletal muscle and endometrial cancer tissues.
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	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab234646 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		1/20 - 1/200.

Target

Function

Isoform 2 play a role in promoting myogenic cell differentiation, cytoskeletal rearrangement and filopodia formation.

Tissue specificity

Isoform 1 is present in the brain. Isoform 2 is expressed during differentiation of fetal primary myoblasts. Also shows marked expression during cytotrophoblast differentiation.

Sequence similarities

Belongs to the FAM65 family.

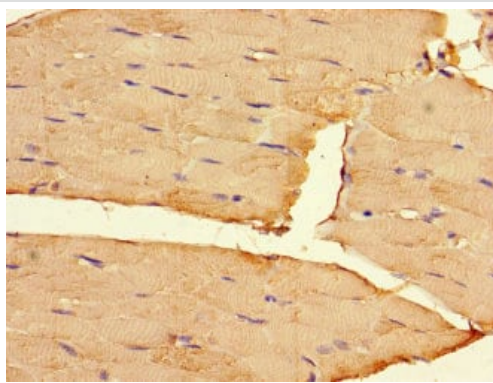
Post-translational modifications

Asn-41 was reported (PubMed:16335952) to be N-glycosylated; however as this position is probably not extracellular, the in vivo relevance is not proven.

Cellular localization

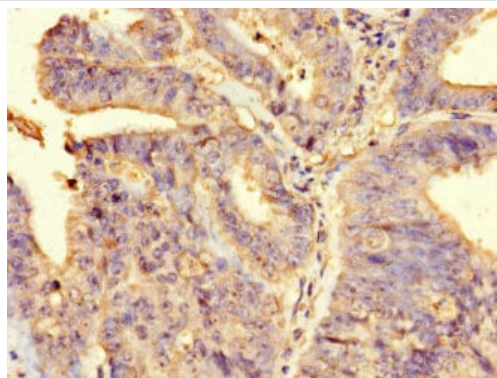
Mitochondrion and Cytoplasm > cytoskeleton. Cell projection > filopodium. Detected in cellular filopodia.

Images



Paraffin-embedded human skeletal muscle tissue stained for FAM65B using ab234646 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM65B antibody (ab234646)



Paraffin-embedded human endometrial cancer tissue stained for FAM65B using ab234646 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FAM65B antibody (ab234646)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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