




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. Sequence: MLVGSQSFSPGGPNGIIRSQSFAGFSGLQERRSRCNS FIENSSALKKPQA KLKKMHNLGHKNNNPPKEPQPKRVEEVYRALKNGLD EYLEVHQTELDKLT AQLKDMKRNSRLGVLYDLDKQIKTIERYMRRLEFHISKV DELYEAYCIQR Database link: Q9Y4F9  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human skeletal muscle and endometrial cancer tissues.

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 Constituents: 50% Glycerol, PBS
Purity	Protein G purified
Purification notes	Purity >95%.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab234646** in the following tested applications.

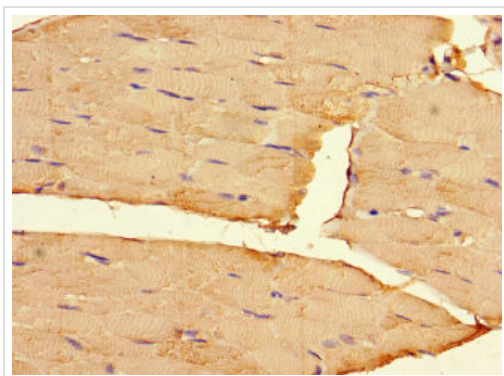
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.

Target

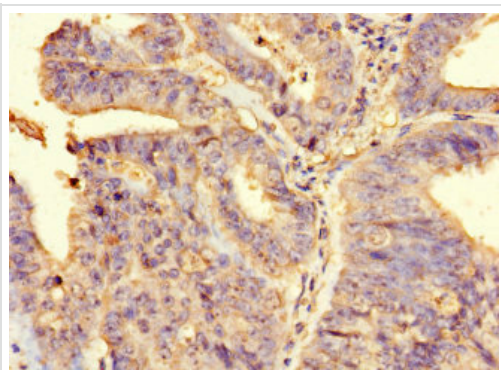
Function	Isoform 2 play a role in promoting myogenic cell differentiation, cytoskeletal rearrangement and filopodia formation.
Tissue specificity	Isoform 1 is present in the brain. Isoform 2 is expressed during differentiation of fetal primary myoblasts. Also shows marked expression during cytotrophoblast 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



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

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



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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