

Datasheet for ABIN6261669

anti-FAM65B antibody

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FAM65B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM65B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human FAM65B.
Isotype:	IgG
Specificity:	FAM65B antibody detects endogenous levels of FAM65B.
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	FAM65B
Alternative Name:	FAM65B (FAM65B Products)
Background:	Description: Acts as an inhibitor of the small GTPase RHOA and plays several roles in the

Target Details

regulation of myoblast and hair cell differentiation, lymphocyte T proliferation and neutrophil polarization (PubMed:17150207, PubMed:24687993, PubMed:23241886, PubMed:24958875, PubMed:25588844, PubMed:27556504). Inhibits chemokine-induced T lymphocyte responses, such as cell adhesion, polarization and migration (PubMed:23241886). Involved also in the regulation of neutrophil polarization, chemotaxis and adhesion (By similarity). Required for normal development of inner and outer hair cell stereocilia within the cochlea of the inner ear (By similarity). Plays a role for maintaining the structural organization of the basal domain of stereocilia (By similarity). Involved in mechanosensory hair cell function (By similarity). Required for normal hearing (PubMed:24958875).

Gene: RIPOR2

Molecular Weight: 115 kDa,66 kDa

Gene ID: 9750

UniProt: [Q9Y4F9](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

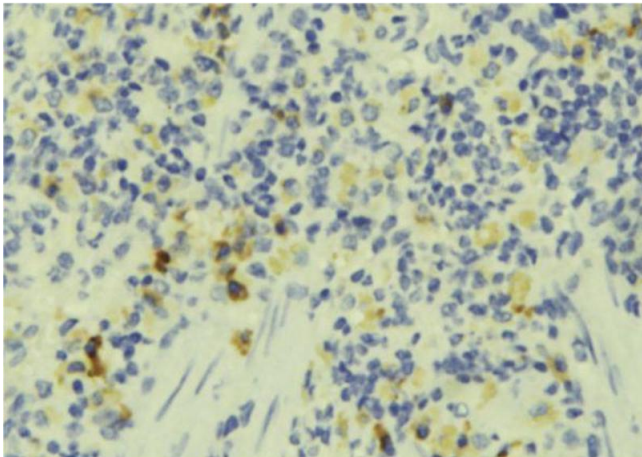
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

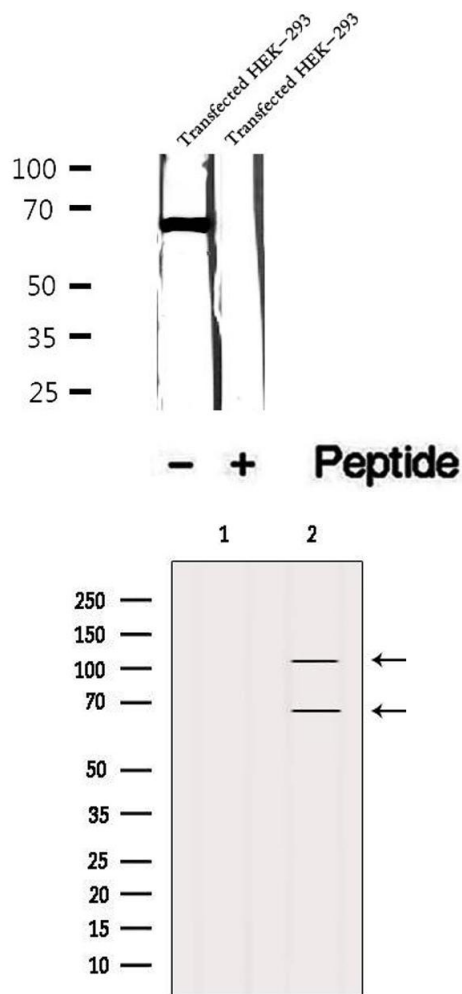
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



Immunohistochemistry

Image 1. ABIN6273242 at 1/100 staining Human lymph tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts of human skeletal muscle tissue, using FAM65B antibody.

Western Blotting

Image 3. Western blot analysis of extracts from Mouse lung, using FAM65B Antibody. The lane on the left was treated with blocking peptide.