

Datasheet for ABIN7254226

anti-VMA21 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	VMA21
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VMA21 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide of human VMA21
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	VMA21
Alternative Name:	VMA21 (VMA21 Products)
Background:	<p>This gene encodes a chaperone for assembly of lysosomal vacuolar ATPase. Required for the assembly of the V0 complex of the vacuolar ATPase (V-ATPase) in the endoplasmic reticulum.</p> <p>Associates with the V0 complex of the vacuolar ATPase (V-ATPase). MEAX is a childhood-onset disease characterized by progressive vacuolation and atrophy of skeletal muscle. It is</p>

Target Details

inherited in recessive fashion, affecting boys and sparing carrier females. Onset is in childhood, and patients exhibit weakness of the proximal muscles of the lower extremities, progressing slowly to involve other skeletal muscle groups over time.

UniProt: [Q3ZQA7](#)

Application Details

Application Notes: IHC 1:150-1:500, IF 1: 50-1:200, ELISA 1:5000-1:240000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.6 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

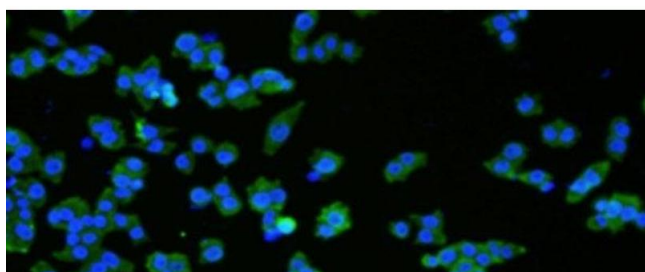
Preservative: Sodium azide

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

Storage: -20 °C

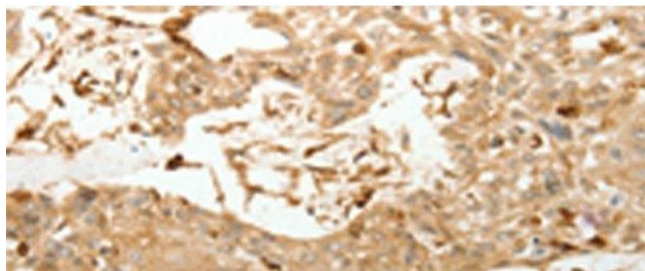
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



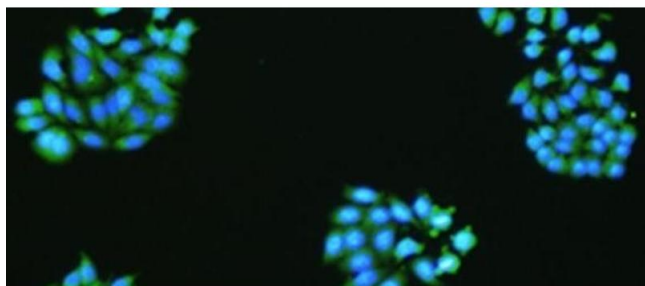
Immunofluorescence

Image 1. Immunofluorescence analysis of NCCIT cell using VMA21 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using VMA21 Polyclonal Antibody at dilution of 1:150(x200)



Immunofluorescence

Image 3. The image is immunofluorescence of HepG2 cell using VMA21 Polyclonal Antibody at dilution of 1:50.