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Datasheet for ABIN1710298
anti-ATP6V0D2 antibody (AA 251-350) (FITC)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | ATP6V0D2 |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP6V0D2 antibody is conjugated to FITC |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human ATP6V0D2/V-ATPase D2 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Sheep,Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | ATP6V0D2 |
| Alternative Name: | ATP6V0D2/V-ATPase D2 (ATP6V0D2 Products) |
| Background: | Synonyms: VMA6, ATP6D2, V-type proton ATPase subunit d 2, V-ATPase subunit d 2, Vacuolar |

Target Details

proton pump subunit d 2, ATP6V0D2

Background: Subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system. May play a role in coupling of proton transport and ATP hydrolysis (By similarity).

Gene ID: 245972

UniProt: [Q8N8Y2](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Proton Transport](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months