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Datasheet for ABIN563945

anti-ATP6V0D1 antibody (AA 238-308)

5 Images

1 Publication

Overview

Quantity:	100 µg
Target:	ATP6V0D1
Binding Specificity:	AA 238-308
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATP6V0D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ATP6V0D1.
Immunogen:	ATP6V0D1 (NP_004682, 238 a.a. ~ 308 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AKLFPHCGRLL YPEGLAQLAR ADDYEQVKNV ADYYPEYKLL FEGAGSNPGD KTLED RFFEHL EVKLNKLAFL N
Clone:	2G12
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ATP6V0D1
Alternative Name:	ATP6V0D1 (ATP6V0D1 Products)
Background:	Full Gene Name: ATPase, H ⁺ transporting, lysosomal 38 kDa, V0 subunit d1 Synonyms: ATP6D,ATP6DV,P39,VATX,VMA6,VPATPD
Gene ID:	9114
NCBI Accession:	NM_004691
Pathways:	Transition Metal Ion Homeostasis , Proton Transport , ER-Nucleus Signaling , Unfolded Protein Response

Application Details

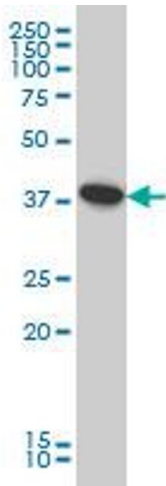
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

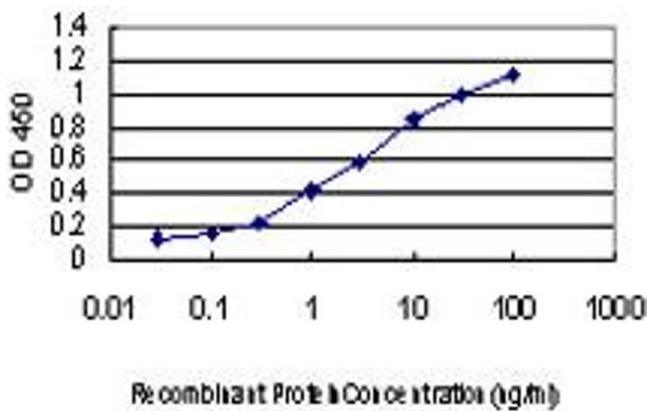
Publications

Product cited in:	Stasyk, Holzmann, Stumberger, Ebner, Hess, Bonn, Mechtler, Huber: "Proteomic analysis of endosomes from genetically modified p14/MP1 mouse embryonic fibroblasts." in: Proteomics , Vol. 10, Issue 22, pp. 4117-27, (2010) (PubMed).
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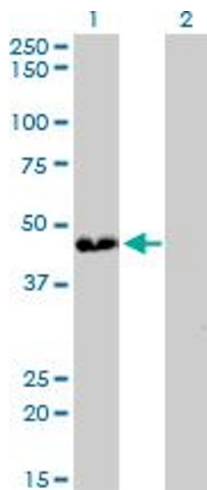
Western Blotting

Image 1. ATP6V0D1 monoclonal antibody (M01), clone 2G12 Western Blot analysis of ATP6V0D1 expression in HeLa .



ELISA

Image 2. Detection limit for recombinant GST tagged ATP6V0D1 is approximately 0.1ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot analysis of ATP6V0D1 expression in transfected 293T cell line by ATP6V0D1 monoclonal antibody (M01), clone 2G12.

Lane 1: ATP6V0D1 transfected lysate(40.3 KDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN563945.