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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP6AP1 monoclonal antibody (M02), clone 3B11

Catalog # : H00000537-M02

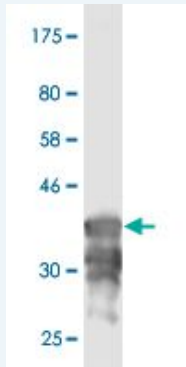
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant ATP6AP1.
Immunogen:	ATP6AP1 (NP_001174, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SSDRDLWAPAAADTHEGHITSDLQLSTYLDPALELGPRNVLLFLQDKLSIEDFTAYGGVFGNKQDSAFSNLENALDLAPSSLVLPVAVD WYAVSTLT TYLQ E
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

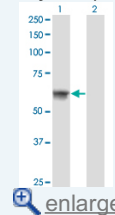
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

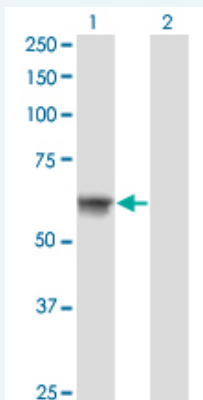
Application Image

Western Blot (Transfected lysate)



Western Blot (Recombinant protein)

ELISA



Western Blot analysis of ATP6AP1 expression in transfected 293T cell line by ATP6AP1 monoclonal antibody (M02), clone 3B11.

Lane 1: ATP6AP1 transfected lysate (Predicted MW: 52 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [537](#)

GeneBank Accession#: [NM_001183](#)

Protein Accession#: [NP_001174](#)

Gene Name: ATP6AP1

Gene Alias: 16A,ATP6IP1,ATP6S1,Ac45,CF2,MGC129781,VATPS1,XAP-3,XAP3

Gene Description: ATPase, H⁺ transporting, lysosomal accessory protein 1

Omim ID: [300197](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), subunit 1,ATPase, H⁺ transporting, lysosomal interacting protein 1,H-ATPase subunit,OTTHUMP00000032115,V-ATPase S1 accessory protein

Gene Pathway

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Related Disease

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