

Product Datasheet

ATP6V1B2 Antibody (M1) - Azide and BSA Free H00000526-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000526-M02

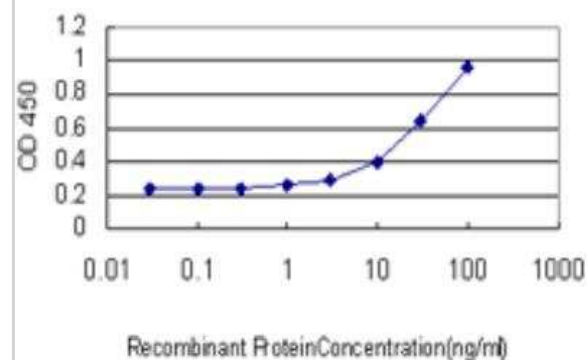
ATP6V1B2 Antibody (M1) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	M1
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	526
Gene Symbol	ATP6V1B2
Species	Human
Specificity/Sensitivity	ATP6V1B2 - ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B, isoform 2
Immunogen	ATP6V1B2 (AAH03100, 1 a.a. ~ 511 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MALRAMRGIVNGAAPELPVPTGGPAVGAREQALAVSRNYLSQPRLTYKTVSG VNGPLVILDHVKFPRYAEIVHLTLPDGTGRSGQVLEVSGSKAVVQVFEGTSGID AKKTSCEFTGDILRTPVSEDMLGRVFNGSGKPIDRGPVLAEDFLDIMGQPINP QCRIYPEEMIQTGISAIDGMNSIARGQKIPIFSAAGLPHNEIAAQICRQAGLVKKS KDVVDYSEENFAIVFAAMGVNMETARFFKSDFEENGSMNDVCLFLNLANPTI ERIITPRLALTAEFLAYQCEKHVLVILTDMSYAEALREVSAAREEVPGRRGFP GYMYTDLATYERAGRVEGRNGSITQIPILTMPNDDITHPIPDLTGYITEGQIYVD RQLHNRQIYPPINVLPSLSRLMKSAIGEGMTRKDHADVSNQLYACYAIGKDVQA MKAVVGEEALTSDDLLYLEFLQKFERNFIAQGPYENRTVFETLDIGWQLLRIFPK EMLKRIPQSTLSEFYPRDSAKH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against recombinant protein on ELISA. GST alone used as a negative control.

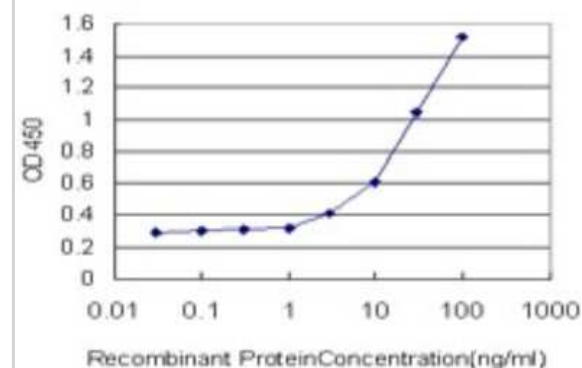


Images

ELISA: ATP6V1B2 Antibody (M1) [H00000526-M02] - Detection limit for recombinant GST tagged ATP6V1B2 is approximately 1ng/ml as a capture antibody.



Sandwich ELISA: ATP6V1B2 Antibody (M1) [H00000526-M02] - Detection limit for recombinant GST tagged ATP6V1B2 is approximately 0.03ng/ml as a capture antibody.



Publications

Eriksson I, Joosten M, Roberg K, Ollinger K. The histone deacetylase inhibitor trichostatin A reduces lysosomal pH and enhances cisplatin-induced apoptosis. *Exp Cell Res*. 2012-10-12 [PMID: 23063877]

Nilsson C, Roberg K, Grafstrom RC, Ollinger K. Intrinsic differences in cisplatin sensitivity of head and neck cancer cell lines: Correlation to lysosomal pH. *Head Neck*;32(9):1185-94. 2010-09-01 [PMID: 20029982]



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