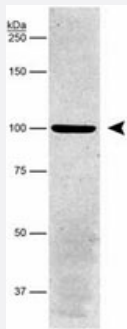


ATP1A1 monoclonal antibody, clone 464.6

Catalog # MAB2407

Size 50 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis detecting ATP1A1 in porcine proximal tubule protein, using ATP1A1 monoclonal antibody, clone 464.6 (Cat # MAB2407).

Specification

Product Description	Mouse monoclonal antibody raised against native ATP1A1.
Immunogen	Native purified rabbit ATP1A1.
Host	Mouse
Reactivity	Dog, Human, Mouse, Pig, Primates, Rabbit, Rat, Sheep, Xenopus
Specificity	This antibody is specific to Na, K-ATPase alpha 1 subunit.
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (1:50-1:200) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:100-1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200) Western Blot (1:1000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.09% sodium azide)

Storage Instruction

Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis detecting ATP1A1 in porcine proximal tubule protein, using ATP1A1 monoclonal antibody, clone 464.6 (Cat # MAB2407).

- Immunohistochemistry

- Immunofluorescence

Publication Reference

- [Induction of Th1 and Th2 in the protection against SARS-CoV-2 through mucosal delivery of an adenovirus vaccine expressing an engineered spike protein.](#)

Nai-Hsiang Chung, Ying-Chin Chen, Shiu-Ju Yang, Yu-Ching Lin, Homg-Yunn Dou, Lily Hui-Ching Wang, Ching-Len Liao, Yen-Hung Chow.

Vaccine 2022 Jan; 40(4):574.

Application: WB, Human, 293T cell

- [Immunoanalysis indicates that the sodium iodide symporter is not overexpressed in intracellular compartments in thyroid and breast cancers.](#)

Peyrottes I, Navarro V, Ondo-Mendez A, Marcellin D, Bellanger L, Marsault R, Lindenthal S, Ettore F, Darcourt J, Pourcher T.

European Journal of Endocrinology 2009 Feb; 160(2):215.

Application: WB-Ti, Human, Breast, thyroid samples from patients with thyroid or breast cancers

- [Distinct endocytic recycling of myelin proteins promotes oligodendroglial membrane remodeling.](#)

Winterstein C, Trotter J, Kramer-Albers EM.

Journal of Cell Science 2008 Mar; 121(Pt 6):834.

Application: WB-Ce, Mouse, Mouse oligodendrocytes

- [ABCG1 influences the brain cholesterol biosynthetic pathway but does not affect amyloid precursor protein or apolipoprotein E metabolism in vivo.](#)

Burgess BL, Parkinson PF, Racke MM, Hirsch-Reinshagen V, Fan J, Wong C, Stukas S, Theroux L, Chan JY, Donkin J, Wilkinson A, Balik D, Christie B, Poirier J, Lutjohann D, Demattos RB, Wellington CL.

Journal of Lipid Research 2008 Jun; 49(6):1254.

Application: WB-Ti, Mouse, Mouse brain

- [Endothelin-converting enzyme-1 regulates endosomal sorting of calcitonin receptor-like receptor and beta-arrestins.](#)

Padilla BE, Cottrell GS, Roosterman D, Pikios S, Muller L, Steinhoff M, Bunnett NW.

The Journal of Cell Biology 2007 Dec; 179(5):981.

Application: WB, Human, A-549, SK-N-MC cells

- [Lipid rafts are required for Kit survival and proliferation signals.](#)

Jahn T, Leifheit E, Gooch S, Sindhu S, Weinberg K.

Blood 2007 Sep; 110(6):1739.

Application: WB-Ce, Human, HMC-1, Mo7e cells