

VMAT1 Rabbit pAb

VMAT1 Rabbit pAb
Catalog # AP94366

Product Information

Application	WB
Primary Accession	Q62465
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43097
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse VMAT1
Epitope Specificity	461-521/521
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	26949
Other Names	Synaptic vesicle membrane protein VAT-1 homolog, 1.-.-., Vat1, Vat-1
Dilution	WB=1:500-2000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Vat1
Synonyms	Vat-1
Function	Plays a part in calcium-regulated keratinocyte activation in epidermal repair mechanisms. Has no effect on cell proliferation (By similarity). Possesses ATPase activity. Negatively regulates mitochondrial fusion in cooperation with mitofusin proteins (MFN1-2) (By similarity).

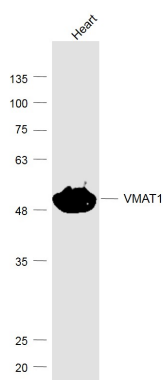
Cellular Location

Cytoplasm. Mitochondrion outer membrane; Peripheral membrane protein.
Note=The majority is localized in the cytoplasm a small amount is associated with mitochondria

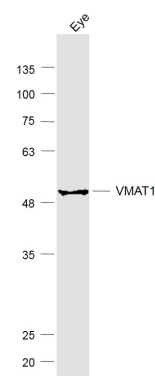
Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-VMAT1 (AP94366) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD



Sample: Eye (Mouse) Lysate at 40 ug Primary: Anti-VMAT1 (AP94366) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kD Observed band size: 58 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.