

anti- VMAT2 antibody

Product Information

Catalog No.:	FNab09418
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

VMAT2 is a vesicular monoamine transporter that is responsible for the uptake and storage of monoamines(dopamine, norepinephrine, epinephrine, histamine and serotonin) in neurons, endocrine cells, and tumors deriving from these cells. Histamine-producing endocrine tumors(gastric carcinoids) expressed VMAT2 almost exclusively, thus VMAT2 is useful in classification of neuroendocrine tumors. Reduced expression of VMAT2 has often been observed in Parkinson's disease(PD) brain, and detection of VMAT2 can be used to reflect the dopamine neuron loss and predict the disease process. VMAT2 migrated as a major band of 65-75 kDa and a minor band of 55-60 kDa, representing the glycosylated form and native form.

Immunogen information

Immunogen:	solute carrier family 18(vesicular monoamine), member 2
Synonyms:	Monoamine transporter, SLC18A2, SVAT, SVMT, VAT2, Vesicular amine transporter 2, VMAT2
Observed MW:	56 kDa, observed 56 kDa, 66 kDa
UniprotID :	Q05940

Application

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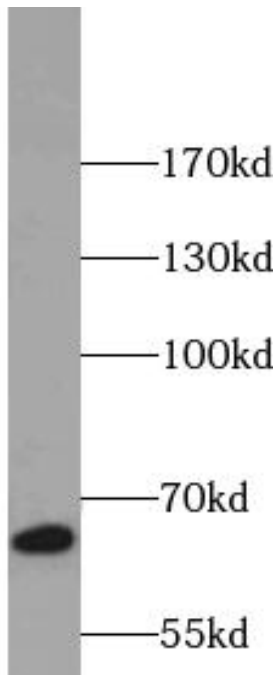
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Reactivity: Human
Tested Application: ELISA, WB
Recommended dilution: WB: 1:200-1:2000
Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09418(VMAT2 antibody) at dilution of 1:300

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