

Product datasheet PS247

MONOSAN[®]

Polyclonal Guinea-Pig anti-VMAT2

Clone no. -

MONOSAN

Product name	Polyclonal Guinea-Pig anti-VMAT2
Host	Guinea pig
Applications	IHC-fr (1:2,000-1:3,000), WB
Species reactivity	Human, Mouse, Pig, Rat
Conjugate	-
Immunogen	Synthetic peptide (CQSYPIGDDEESESD-OH) from the C-terminus of rat VMAT2 conjugated to BSA
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	50 µl (lyoph.)
Concentration	n/a
Format	-
Storage buffer	Lyophilized; reconstitute in 100 µl dist. water
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The vesicular monoamine transporter is responsible for the vesicular uptake of monoamines, like dopamine, norepinephrine, epinephrine, serotonin and histamine. The antiserum recognizes monoaminergic neurons of the CNS, the ECL-cells of the stomach, as well as enteric nerve fibers.
Absorption with 10-100 ug immunogen per ml diluted antiserum abolishes staining. In Western blot experiments using a crude synaptic vesicle fraction of rat brain, the 70 kDa of anti-VMaT2 is recognized (suggested dilution 1:500).
Positive control: frozen sections of rat small intestine.

References

1. Carballo-Carbajal, I. et al. Nat. Commun. 2019;10: 973
2. -
3. -
4. -
5. -

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