

VMAT1 Rabbit pAb

CatalogNo: YN0590

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from part region of human protein

Specificity VMAT1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name SLC18A1 VAT1 VMAT1

Protein Name Chromaffin granule amine transporter (Solute carrier family 18 member 1) (Vesicular amine transporter 1) (VAT1)

Organism	Gene ID	UniProt ID
Human	6570;	P54219;
Mouse		Q8R090;
Rat		Q01818;

Cellular Localization [Isoform 1]: Cytoplasmic vesicle membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Multi-pass membrane protein . ; [Isoform 2]: Endoplasmic reticulum membrane ; Multi-pass membrane protein .

Tissue specificity Highly expressed in chromaffin cells of the adrenal medulla (at protein level). Detected in peripheral sympathetic ganglia (at protein level). Found in some paracrine cells in stomach and duodenum (at protein level).

Function Function:Involved in the vesicular transport of biogenic amines.,similarity:Belongs to the major facilitator superfamily. Vesicular transporter family.,

| Validation Data

| Contact information

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VMAT1 Rabbit pAb

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