

## Product datasheet

### VAT1 (N-TERMINAL) RABBIT POLYCLONAL ANTIBODY

**SKU:** MM-0135

100 µL

#### OVERVIEW

**Clonality:**

Polyclonal

**Host:**

Rabbit

**Reactivity:**

Human

**Application:**

WB

**Target:**

VAT1 (N-terminal)

**Target background:**

Vesicle Amine Transport protein-1 (VAT1) plays a role in calcium-regulated keratinocyte activation in epidermal repair mechanisms through its ATPase activity. It is expressed in the brain, glioblastoma cells and expression has been detected following wounding. The expression of VAT1 is calcium ion-dependent.

**Target alias:**

VAT1, VATI, vesicle amine transport 2

**Specificity:**

The antibody recognizes the N-terminal of the human Rab27a protein (aa1-16).

**Clone ID:**

---

**Preservative:**

None

**Format:**

Lyophilized serum

**Recommend starting dilution:**

If reconstituted with deionized water in 100 µl: WB: 1:1000. Optimal dilution has to be determined by the user.

**Limitations:**

Research Use Only

**References:**

1.-Faugaret D - An essential role for phospholipase D in the recruitment of vesicle amine transport protein-1 to membranes in human neutrophils.

**Storage:**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

**Image:**