

## VATE1 Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05437
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from human VATE1
<b>Mol wt</b>	24860
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	VATE1
<b>Synonyms</b>	VATE1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

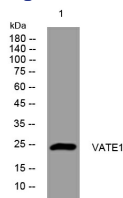
This gene encodes a component of vacuolar ATPase (V-ATPase) a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting| zymogen activation| receptor-mediated endocytosis| and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A| three B| and two G subunits| as well as a C| D| E| F| and H subunit. The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional splice variants| encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year