

## VPS72 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09554
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human VPS72. AA range:131-180
<b>Mol wt</b>	40594
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	VPS72 Antibody
<b>Synonyms</b>	VPS72; TCFL1; YL1; Vacuolar protein sorting-associated protein 72 homolog; Protein YL-1; Transcription factor-like 1

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

### Background

The protein encoded by VPS72 (vacuolar protein sorting 72 homolog) is a shared subunit of two multi-component complexes, the histone acetyltransferase complex TRRAP/TIP60 as well as the chromatin remodeling SRCAP-containing complex. The TRRAP/TIP60 complex acetylates nucleosomal histones important for transcriptional regulation, double strand DNA break repair and apoptosis. The SRCAP-containing complex catalyzes the exchange of histone H2A with the histone variant Htz1 (H2AFZ) into nucleosomes. This protein may be responsible for binding H2AFZ, which has a role in chromosome segregation. This protein may also have a role in regulating long-term hematopoietic stem cell activity. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

### Recommended Dilution

WB: 1: 500 - 1: 2000

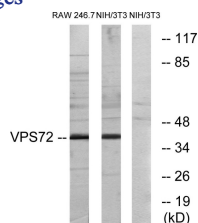
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

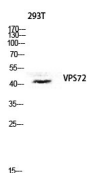
ELISA: 1: 40000

Not yet tested in other applications.

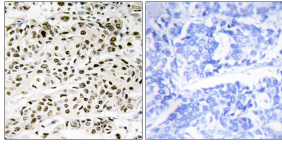
### Images



Western blot analysis of lysates from RAW264.7 and NIH/3T3 cells, using VPS72 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of 293T lysis using VPS72 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000 cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using VPS72 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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