



VPS72 rabbit pAb

Cat No.:ES7352

For research use only

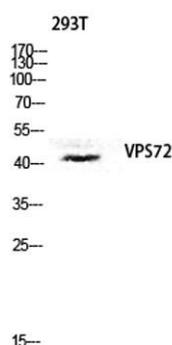
Overview

Product Name	VPS72 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human VPS72. AA range:131-180
Specificity	VPS72 Polyclonal Antibody detects endogenous levels of VPS72 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Vacuolar protein sorting-associated protein 72 homolog
Gene Name	VPS72
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	41kD
Human Gene ID	6944
Human Swiss-Prot Number	Q15906
Alternative Names	VPS72; TCFL1; YL1; Vacuolar protein sorting-associated protein 72 homolog; Protein YL-1; Transcription factor-like 1
Background	The protein encoded by this gene is a shared subunit of two multi-component complexes, the



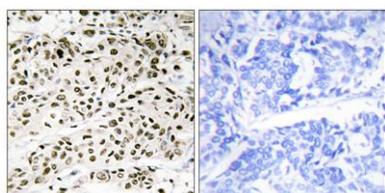


histone acetyltransferase complex TRRAP/TIP60 as well as the chromatin remodeling SRCAP-containing complex. The TRRAP/TIP60 complex acetylates nucleosomal histones important for transcriptional regulation, double strand DNA break repair and apoptosis. The SRCAP-containing complex catalyzes the exchange 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. [provided by RefSeq, Aug 2012],



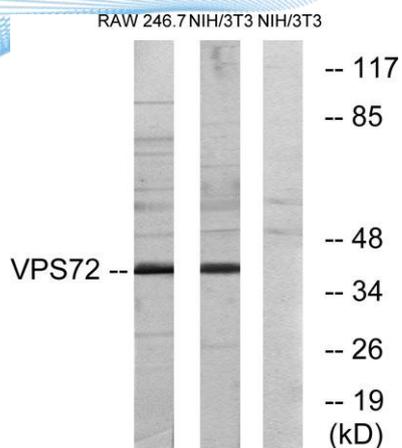
Western blot analysis of 293T lysis using VPS72 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, US

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





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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.



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