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HT2A / TRIM32 Antibody (aa1-289)
Rabbit Polyclonal Antibody
Catalog # ALS16228

Specification

HT2A / TRIM32 Antibody (aa1-289) - Product Information

Application	**IHC, WB**
Primary Accession	Q13049
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**72kDa KDa**

HT2A / TRIM32 Antibody (aa1-289) - Additional Information

Gene ID 22954

Other Names
E3 ubiquitin-protein ligase TRIM32, 6.3.2.-, 72 kDa Tat-interacting protein, Tripartite motif-containing protein 32, Zinc finger protein HT2A, TRIM32, HT2A

Target/Specificity
Human HT2A / TRIM32

Reconstitution & Storage
Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions
HT2A / TRIM32 Antibody (aa1-289) is for research use only and not for use in diagnostic or therapeutic procedures.

HT2A / TRIM32 Antibody (aa1-289) - Protein Information

Name TRIM32

Synonyms HT2A

Function
Has an E3 ubiquitin ligase activity (PubMed:19349376, PubMed:31123703). Ubiquitinates DTNBP1 (dysbindin) and promotes its degradation (PubMed:19349376). May ubiquitinate BBS2 (PubMed:22500027). Ubiquitinates PIAS4/PIASY and promotes its degradation in keratinocytes treated with UVB and TNF-alpha (By similarity). Also acts as a regulator of autophagy by mediating formation of unanchored 'Lys-63'- linked polyubiquitin chains that activate ULK1: interaction with AMBRA1 is required for ULK1 activation (PubMed:<a

href="http://www.uniprot.org/citations/31123703" target="_blank">31123703).

Cellular Location
Cytoplasm. Note=Localized in cytoplasmic bodies, often located around the nucleus

Tissue Location
Spleen, thymus, prostate, testis, ovary, intestine, colon and skeletal muscle.

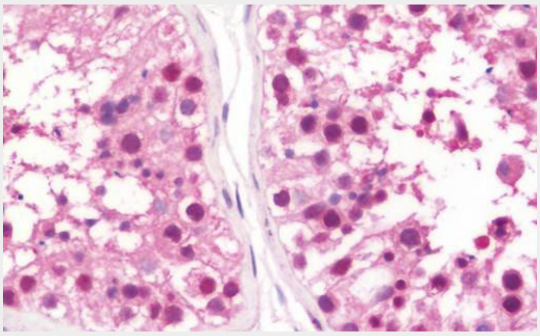
Volume
50 µl

HT2A / TRIM32 Antibody (aa1-289) - Protocols

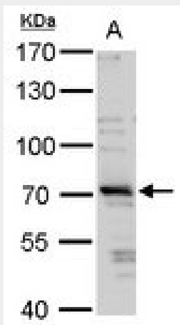
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HT2A / TRIM32 Antibody (aa1-289) - Images



Anti-HT2A / TRIM32 antibody IHC staining of human testis.



TRIM32 antibody detects TRIM32 protein by western blot analysis.

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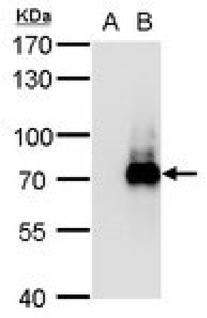

TRIM32 antibody detects TRIM32 protein by western blot analysis.

HT2A / TRIM32 Antibody (aa1-289) - Background

Has an E3 ubiquitin ligase activity. Ubiquitinates DTNBP1 (dysbindin) and promotes its degradation. May ubiquitinate BBS2. May play a significant role in mediating the biological activity of the HIV-1 Tat protein in vivo. Binds specifically to the activation domain of HIV-1 Tat and can also interact with the HIV-2 and EIAV Tat proteins in vivo.

HT2A / TRIM32 Antibody (aa1-289) - References

Fridell R.A.,et al.Virology 209:347-357(1995).
Humphray S.J.,et al.Nature 429:369-374(2004).
Bienvenut W.V.,et al.Submitted (MAR-2009) to UniProtKB.
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Locke M.,et al.Hum. Mol. Genet. 18:2344-2358(2009).