

TRIM11 (aa249-263) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3693a

Specification

TRIM11 (aa249-263) Antibody (internal region) - Product Information

Application	WB
Primary Accession	O96F44
Other Accession	NP_660215.1 , 81559
Reactivity	Human
Predicted	Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	52774

TRIM11 (aa249-263) Antibody (internal region) - Additional Information

Gene ID 81559

Other Names

E3 ubiquitin-protein ligase TRIM11, 6.3.2.-, Protein BIA1, RING finger protein 92, Tripartite motif-containing protein 11, TRIM11, RNF92

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRIM11 (aa249-263) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM11 (aa249-263) Antibody (internal region) - Protein Information

Name TRIM11 {ECO:0000303|PubMed:16904669, ECO:0000312|HGNC:HGNC:16281}

Function

E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX (By similarity). Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis (By similarity). May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences (By similarity). May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the

proteasomal degradation pathway (By similarity). Mediates MED15 ubiquitination leading to proteasomal degradation (PubMed:16904669). May contribute to the innate restriction of retroviruses (PubMed:18248090). Upon overexpression, reduces HIV-1 and murine leukemia virus infectivity, by suppressing viral gene expression (PubMed:18248090). Antiviral activity depends on a functional E3 ubiquitin-protein ligase domain (PubMed:18248090). May regulate TRIM5 turnover via the proteasome pathway, thus counteracting the TRIM5-mediated cross-species restriction of retroviral infection at early stages of the retroviral life cycle (PubMed:18248090). Acts as an inhibitor of the AIM2 inflammasome by promoting autophagy-dependent degradation of AIM2 (PubMed:27498865). Mechanistically, undergoes autoubiquitination upon DNA stimulation, promoting interaction with AIM2 and SQSTM1/p62, leading to AIM2 recruitment to autophagosomes (PubMed:27498865).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

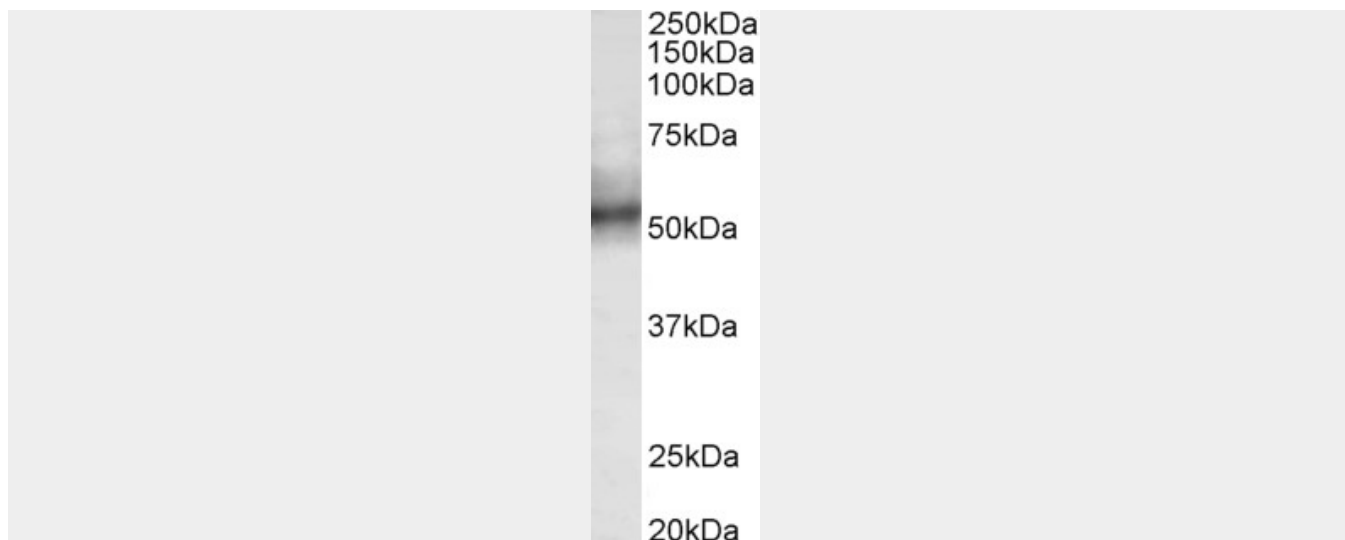
Ubiquitous..

TRIM11 (aa249-263) Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIM11 (aa249-263) Antibody (internal region) - Images



AF3693a (0.3 $\mu\text{g/ml}$) staining of Human Spleen lysate (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TRIM11 (aa249-263) Antibody (internal region) - References

Trim11 increases expression of dopamine beta-hydroxylase gene by interacting with Phox2b. Hong SJ, Chae H, Lardaro T, Hong S, Kim KS. *Biochem Biophys Res Commun*. 2008 Apr 11;368(3):650-5. PMID: 18275850