

Trim11 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12273**Specification**

Trim11 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O99PQ2
Other Accession	NM_053168 , NP_444398
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Rat, Rabbit, Pig, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 52kDa kDa

Trim11 antibody - C-terminal region - Additional Information**Gene ID** 94091**Other Names**

E3 ubiquitin-protein ligase TRIM11, 6.3.2.-, Tripartite motif-containing protein 11, Trim11

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Trim11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Trim11 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Trim11 antibody - C-terminal region - Protein Information**Name** Trim11**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 (PubMed:18628401). Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis (PubMed:18628401). May also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences (PubMed:18628401). May contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins

through the proteasomal degradation pathway (PubMed:12670303). Mediates MED15 ubiquitination leading to proteasomal degradation (By similarity). 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 (By similarity). Mechanistically, undergoes autoubiquitination upon DNA stimulation, promoting interaction with AIM2 and SQSTM1/p62, leading to AIM2 recruitment to autophagosomes (By similarity).

Cellular Location

Cytoplasm. Nucleus. Note=In the nucleus, colocalizes with PAX6.

Tissue Location

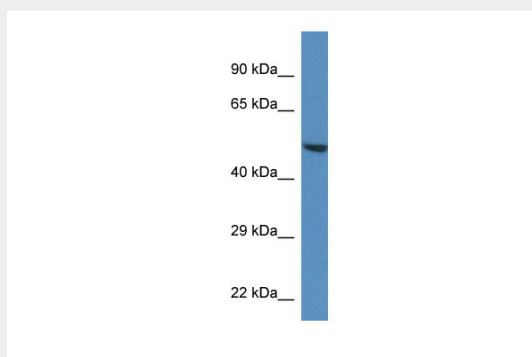
Expressed in embryonic central nervous system (CNS), kidney, thymus and gut.

Trim11 antibody - C-terminal 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 antibody - C-terminal region - Images



WB Suggested Anti-Trim11 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse heart