

Product datasheet for **TA330505**

Trim11 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Trim11 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: GSFYNSNEPAFSPLRDPKRVGIFLDYEAGHLSFY SATDGSLLFIFPETL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	tripartite motif-containing 11
Database Link:	NP_444398 Entrez Gene 94091 Mouse Q99PQ2



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Background:

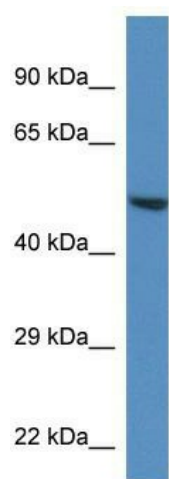
Trim11 is an E3 ubiquitin-protein ligase that promotes the degradation of insoluble ubiquitinated proteins, including insoluble PAX6, poly-Gln repeat expanded HTT and poly-Ala repeat expanded ARX. Mediates PAX6 ubiquitination leading to proteasomal degradation, thereby modulating cortical neurogenesis. It may also inhibit PAX6 transcriptional activity, possibly in part by preventing the binding of PAX6 to its consensus sequences. It may contribute to the regulation of the intracellular level of HN (humanin) or HN-containing proteins through the proteasomal degradation pathway. It mediates MED15 ubiquitination leading to proteasomal degradation. Trim11 may contribute to the innate restriction of retroviruses. Upon overexpression, reduces HIV-1 and murine leukemia virus infectivity, by suppressing viral gene expression. Antiviral activity depends on a functional E3 ubiquitin-protein ligase domain. Trim11 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.

Synonyms:

BIA1; RNF92

Note:

Immunogen sequence homology: Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Dog: 93%; Pig: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

Product images:

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