

RNF25 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59194**Specification****RNF25 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF
Primary Accession	Q96BH1
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51219

RNF25 Polyclonal Antibody - Additional Information**Gene ID** 64320**Other Names**

E3 ubiquitin-protein ligase RNF25, 2.3.2.27, RING finger protein 25, RING-type E3 ubiquitin transferase RNF25, RNF25

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RNF25 Polyclonal Antibody - Protein Information**Name** RNF25 {ECO:0000303|PubMed:36638793, ECO:0000312|HGNC:HGNC:14662}**Function**

E3 ubiquitin-protein ligase that plays a key role in the RNF14-RNF25 translation quality control pathway, a pathway that takes place when a ribosome has stalled during translation, and which promotes ubiquitination and degradation of translation factors on stalled ribosomes (PubMed: [36638793](http://www.uniprot.org/citations/36638793), PubMed: [37651229](http://www.uniprot.org/citations/37651229), PubMed: [37951216](http://www.uniprot.org/citations/37951216)). Catalyzes ubiquitination of RPS27A in response to ribosome collisions, promoting activation of RNF14 (PubMed: [36638793](http://www.uniprot.org/citations/36638793)). RNF25 catalyzes ubiquitination of other ribosomal proteins on stalled ribosomes, such as RPL0, RPL1, RPL12, RPS13 and RPS17 (PubMed: [36638793](http://www.uniprot.org/citations/36638793)). Also involved in ubiquitination and degradation of stalled ETF1/eRF1 (PubMed: [36638793](http://www.uniprot.org/citations/36638793), PubMed: [37651229](http://www.uniprot.org/citations/37651229)). Independently of its function in the response to stalled ribosomes, mediates ubiquitination and subsequent proteasomal degradation of NKD2 (By

similarity). May also stimulate transcription mediated by NF-kappa-B via its interaction with RELA/p65 (PubMed:12748188).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q7SXJ6}.

RNF25 Polyclonal Antibody - 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](#)

RNF25 Polyclonal Antibody - Images