

RNF25 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11355**Specification**

RNF25 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q96BH1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

RNF25 Antibody (C-Terminus) - Additional Information**Gene ID** 64320**Other Names**

E3 ubiquitin-protein ligase RNF25, 6.3.2.-, RING finger protein 25, RNF25

Target/Specificity

Amino acids near the carboxyl terminus of human RNF25 protein.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

RNF25 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF25 Antibody (C-Terminus) - 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, PubMed:37651229, PubMed:37951216). Catalyzes ubiquitination of RPS27A in response to ribosome collisions, promoting activation of RNF14 (PubMed:36638793). RNF25 catalyzes ubiquitination of other ribosomal proteins on stalled ribosomes, such as RPL0, RPL1, RPL12, RPS13 and RPS17 (PubMed:36638793). Also involved in ubiquitination and degradation of stalled ETF1/eRF1 (PubMed:36638793, PubMed:37651229).

target="_blank">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

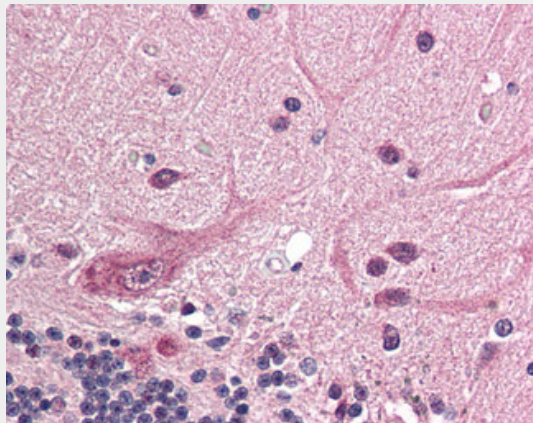
Cytoplasm {ECO:0000250|UniProtKB:Q7SXJ6}.

RNF25 Antibody (C-Terminus) - 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 Antibody (C-Terminus) - Images



Anti-RNF25 antibody IHC of human brain, cerebellum.

RNF25 Antibody (C-Terminus) - Background

E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of NKD2 (By similarity). Stimulates transcription mediated by NF-kappa-B.

RNF25 Antibody (C-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Asamitsu K.,et al.J. Biol. Chem. 278:26879-26887(2003).