

RNF12 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59172**Specification**

RNF12 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9NVW2
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68549

RNF12 Polyclonal Antibody - Additional Information**Gene ID** 51132**Other Names**

E3 ubiquitin-protein ligase RLIM, 2.3.2.27, LIM domain-interacting RING finger protein, RING finger LIM domain-binding protein, R-LIM, RING finger protein 12, RING-type E3 ubiquitin transferase RLIM, Renal carcinoma antigen NY-REN-43, RLIM, RNF12

Format

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

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.

RNF12 Polyclonal Antibody - Protein Information**Name** RLIM**Synonyms** RNF12**Function**

E3 ubiquitin-protein ligase. Acts as a negative coregulator for LIM homeodomain transcription factors by mediating the ubiquitination and subsequent degradation of LIM cofactors LDB1 and LDB2 and by mediating the recruitment the SIN3a/histone deacetylase corepressor complex. Ubiquitination and degradation of LIM cofactors LDB1 and LDB2 allows DNA-bound LIM homeodomain transcription factors to interact with other protein partners such as RLIM. Plays a role in telomere length-mediated growth suppression by mediating the ubiquitination and degradation of TERF1. By targeting ZFP42 for degradation, acts as an activator of random inactivation of X chromosome in the embryo, a stochastic process in which one X chromosome is inactivated to minimize sex-related dosage differences of X-encoded genes in somatic cells of female placental mammals.

Cellular Location

Nucleus

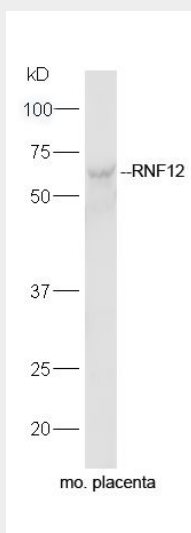
Tissue Location

Expressed in many tissues.

RNF12 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](#)

RNF12 Polyclonal Antibody - Images**Sample:**

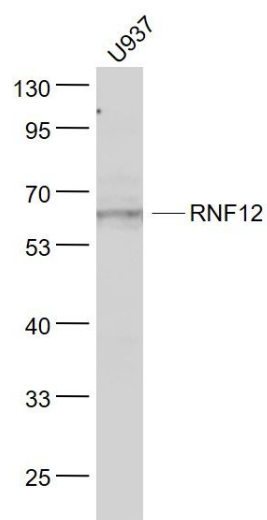
placenta (Mouse) Lysate at 40 ug

Primary: Anti-RNF12 (bs-9177R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 69 kD

Observed band size: 69 kD



Sample:

U937(Human) Cell Lysate at 30 ug

Primary: Anti- RNF12 (bs-9177R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 69 kD

Observed band size: 67 kD