



Rabbit Anti-RNF14 antibody

SL9225R

Product Name:	RNF14
Chinese Name:	Ring finger protein14抗体
Alias:	Androgen receptor associated protein 54; Androgen receptor-associated protein 54; ARA 54; ARA54; E3 ubiquitin protein ligase RNF14; E3 ubiquitin-protein ligase RNF14; FLJ26004; HFB 30; HFB30; HRIHFB2038; RING finger protein 14; RNF 14; Rnf14; RNF14 HUMAN; TRIAD 2; TRIAD2; Triad2 protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	54kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RNF14:71-170/474
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.

Function:

Might act as an E3 ubiquitin-protein ligase which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes and then transfers it to substrates, which could be nuclear proteins. Could play a role as a coactivator for androgen- and, to a lesser extent, progesterone-dependent transcription.

Subunit:

Interacts with the ubiquitin-conjugating enzymes UBE2E1 and UBE2E2. Interacts with AR/androgen receptor; testosterone- and RNF6-regulated it promotes AR transcriptional activity.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Widely expressed.

Post-translational modifications:

RING-type zinc finger-dependent and UBE2E2-dependent autoubiquitination.
[SIMILARITY]

Similarity:

Belongs to the RBR family. RNF14 subfamily.
Contains 1 IBR-type zinc finger.
Contains 2 RING-type zinc fingers.
Contains 1 RWD domain.

SWISS:

Q9UBS8

Gene ID:

9604

Database links:

[Entrez Gene: 9604](#)Human

[Entrez Gene: 56736](#)Mouse

[Entrez Gene: 619577](#)Rat

[Omin: 605675](#)Human

[SwissProt: Q9UBS8](#)Human

[SwissProt: Q9JI90](#)Mouse

[Unigene: 483616](#)Human

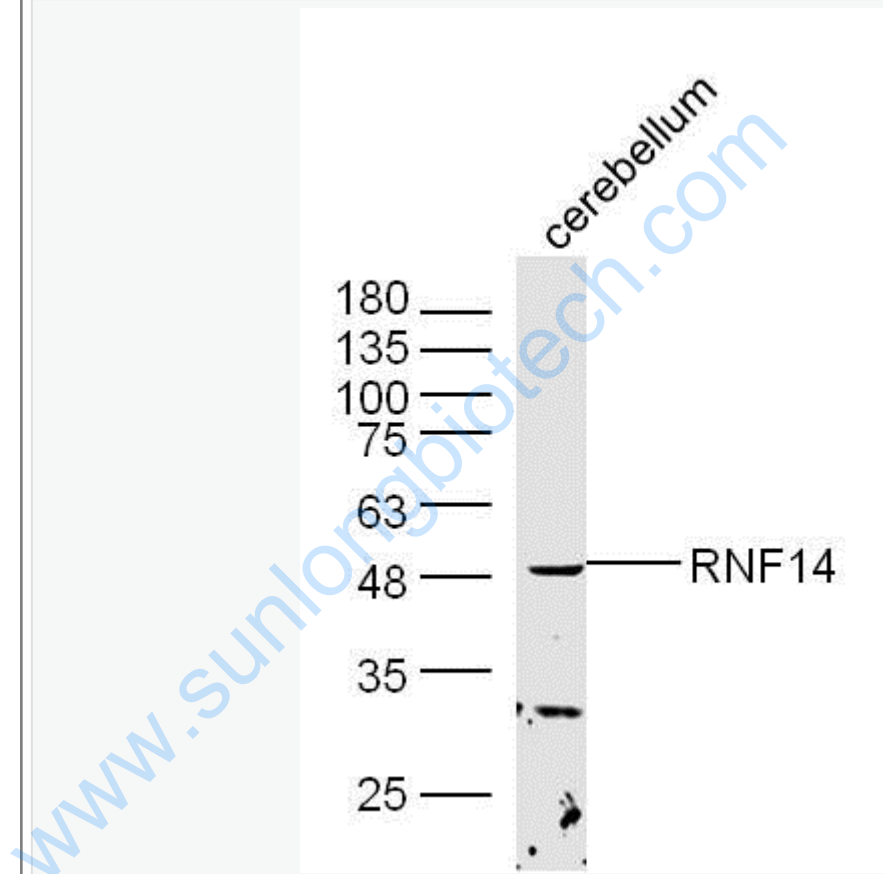
[Unigene: 228903](#)Mouse

[Unigene: 115357](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



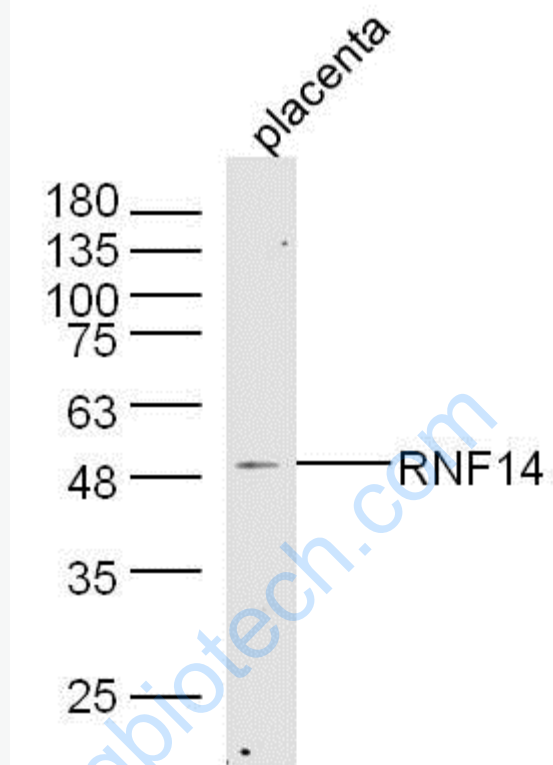
Sample: Cerebellum (Mouse) Lysate at 40 ug

Primary: Anti-RNF14 (SL9225R) at 1/300 dilution

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

Predicted band size: 54 kD

Observed band size: 50 kD



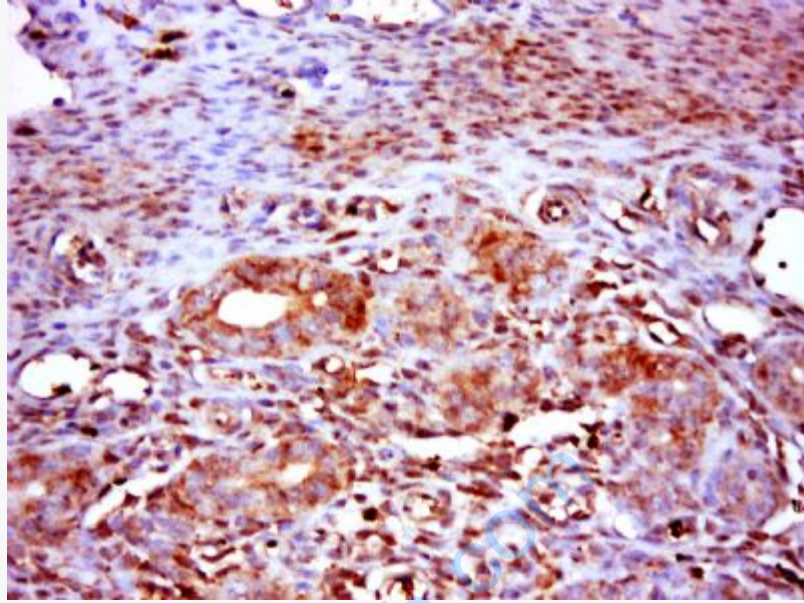
Sample: Placenta (Mouse) Lysate at 40 ug

Primary: Anti-RNF14 (SL9225R) at 1/300 dilution

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

Predicted band size: 54 kD

Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (rat uterus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM160B1) Polyclonal Antibody, Unconjugated (SL9225R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.