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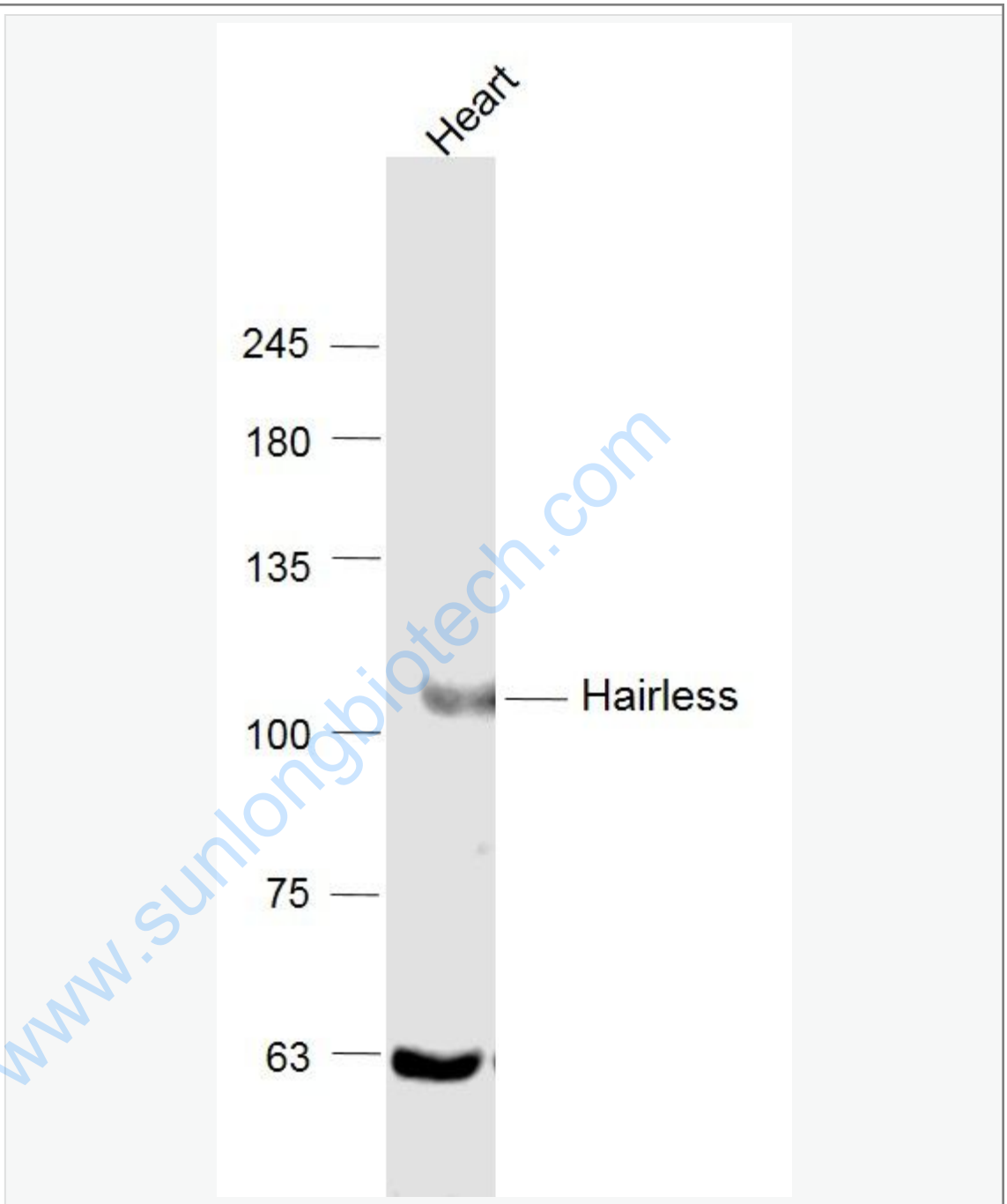
Rabbit Anti-USP28 antibody

SL5820R

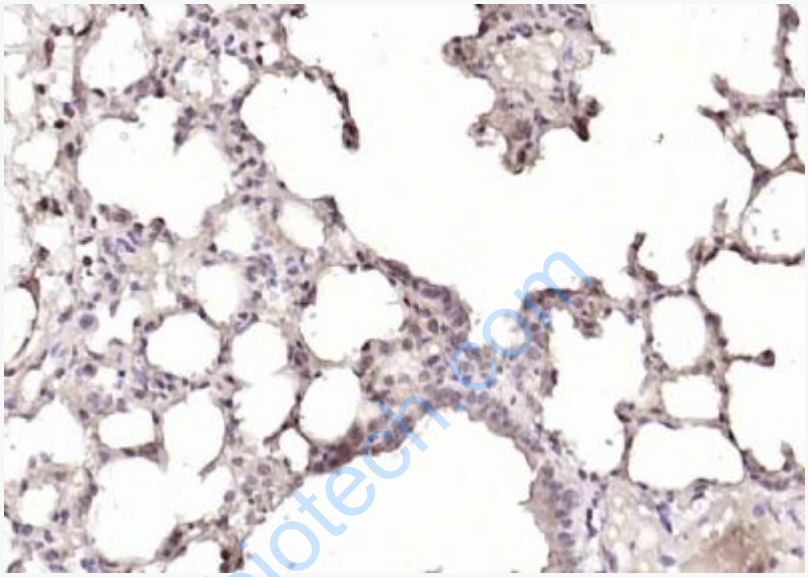
Product Name:	USP28
Chinese Name:	Ubiquitin特异性蛋白酶28抗体
Alias:	Deubiquitinating enzyme 28; KIAA1515; Ubiquitin carboxyl terminal hydrolase 28; Ubiquitin carboxyl-terminal hydrolase 28; Ubiquitin specific peptidase 28; Ubiquitin specific processing protease 28; Ubiquitin specific protease 28; Ubiquitin thioesterase 28; Ubiquitin thiolesterase 28; Ubiquitin-specific-processing protease 28; UBP28_HUMAN; USP 28; USP28; USP28 protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	75/100kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human USP28:101-200/1077
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:	Deubiquitinase involved in DNA damage response checkpoint and MYC proto-oncogene stability. Involved in DNA damage induced apoptosis by specifically deubiquitinating proteins of the DNA damage pathway such as CLSPN. Also involved

	in G2 DNA damage checkpoint, by deubiquitinating CLSPN, and preventing its degradation by the anaphase promoting complex/cyclosome (APC/C). In contrast, it does not deubiquitinate PLK1. Specifically deubiquitinates MYC in the nucleoplasm, leading to prevent MYC degradation by the proteasome: acts by specifically interacting with isoform 1 of FBXW7 (FBW7alpha) in the nucleoplasm and counteracting ubiquitination of MYC by the SCF(FBW7) complex. In contrast, it does not interact with isoform 4 of FBXW7 (FBW7gamma) in the nucleolus, allowing MYC degradation and explaining the selective MYC degradation in the nucleolus. **SWISS:** Q96RU2 **Gene ID:** 57646 **Database links:** Entrez Gene: 57646Human Entrez Gene: 235323Mouse Entrez Gene: 315639Rat Omim: 610748Human SwissProt: Q96RU2Human SwissProt: Q5I043Mouse SwissProt: D3ZJ96Rat Unigene: 503891Human Unigene: 21630Mouse Unigene: 6599Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti-Hairless (SL5820R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 127 kD

Observed band size: 127 kD



Paraformaldehyde-fixed, paraffin embedded (mouse lung); 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 (USP28) Polyclonal Antibody, Unconjugated (SL5820R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.