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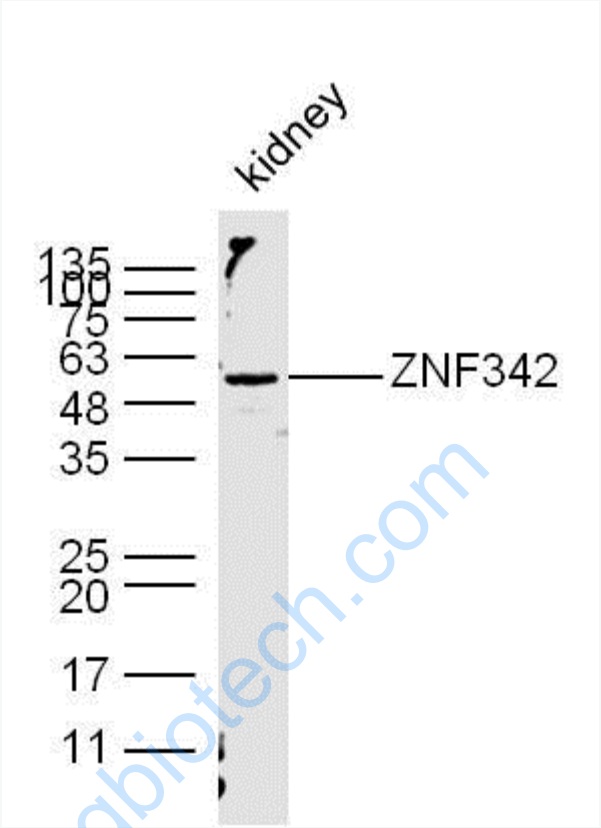
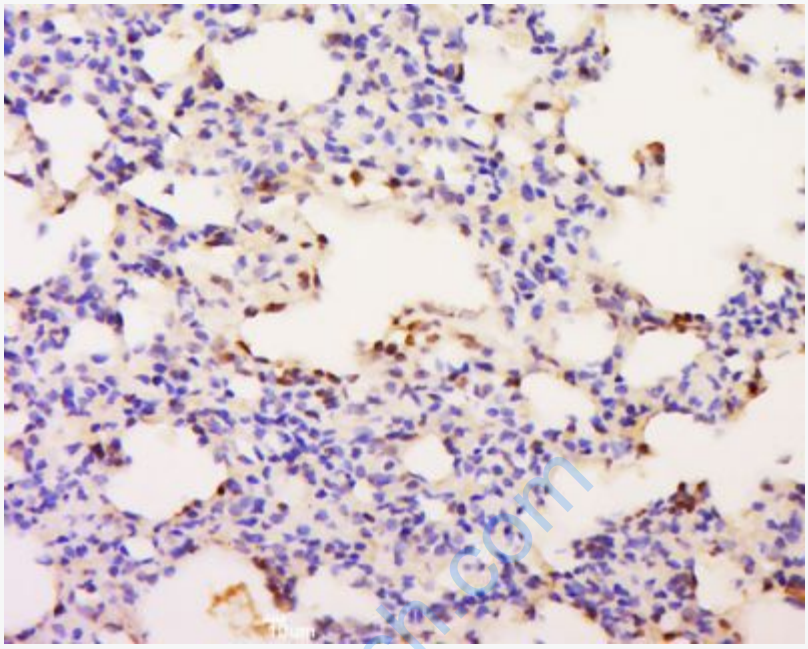
Rabbit Anti-ZNF342 antibody

SL12212R

Product Name:	ZNF342
Chinese Name:	Zinc finger protein342抗体
Alias:	zinc finger protein 342; Zinc finger protein 296; ZNF296; ZN296_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	51kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human ZNF342/ZNF296:231-350/475
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:	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. As a member of the Krüppel C2H2-type zinc-finger protein family, ZNF342 (zinc finger protein 342), also known as Zinc finger protein 296, is a 475 amino acid nuclear protein that contains six C2H2-type zinc fingers through which

	it is thought to be involved in DNA-binding and transcriptional regulation. **Function:** ZNF342 contains 6 C2H2-type zinc fingers and belongs to the krueppel C2H2-type zinc-finger protein family. It may be involved in transcriptional regulation. **Subcellular Location:** Nuclear **Similarity:** Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers. **SWISS:** Q8WUU4 **Gene ID:** 162979 **Database links:** Entrez Gene: 162979 Human Omim: 613226 Human SwissProt: Q8WUU4 Human Unigene: 192237 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti-ZNF342 (SL12212R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



Tissue/cell: Rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-ZNF342 Polyclonal Antibody, Unconjugated(SL12212R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining