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ZNF342 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54771

Specification

ZNF342 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC, E**
Primary Accession	Q8WUU4
Reactivity	**Rat, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from Human ZNF342/ZNF296**
Epitope Specificity	**231-350/475**
Isotype	**IgG**
Purity	
affinity purified by Protein A	
Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Nuclear**
SIMILARITY	**Belongs to the krueppel C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
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.

ZNF342 Polyclonal Antibody - Additional Information

Gene ID 162979

Other Names
Zinc finger protein 296, ZFP296, Zinc finger protein 342, ZNF296, ZNF342

Dilution
WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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

Storage
Store at -20 ℃ 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 ℃.

ZNF342 Polyclonal Antibody - Protein Information

Name ZNF296

Synonyms ZNF342

Function
May be a transcriptional corepressor with KLF4.

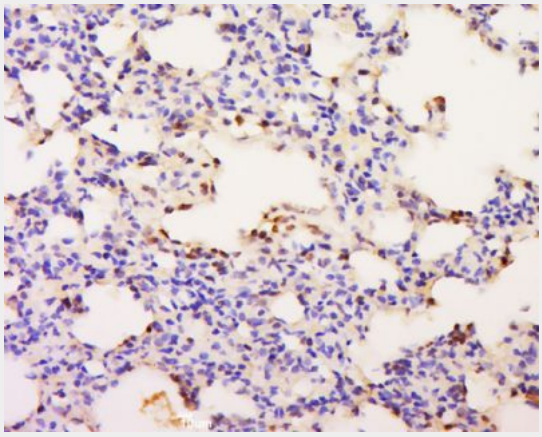
Cellular Location
Nucleus {ECO:0000250|UniProtKB:E9Q6W4}.

ZNF342 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 Cytomety
- Cell Culture

ZNF342 Polyclonal Antibody - Images



Tissue/cell: Rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

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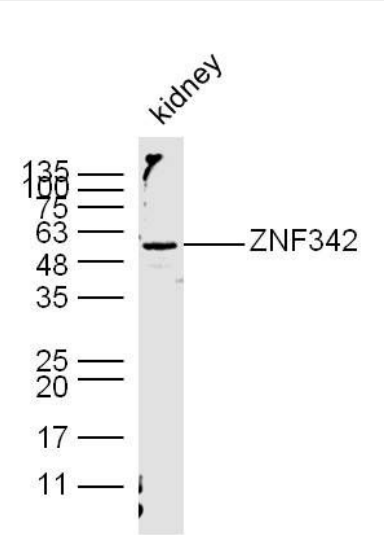
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-ZNF342 Polyclonal Antibody, Unconjugated(bs-12212R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-ZNF342 (bs-12212R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51 kD
Observed band size: 51 kD