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ZNF342 Rabbit pAb

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Catalog # AP54771

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8WUU4
Reactivity	Human, Mouse
Predicted	Rat, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50810
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
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.

Additional Information

Gene ID	162979
Other Names	Zinc finger protein 296, ZFP296, Zinc finger protein 342, ZNF296, ZNF342
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

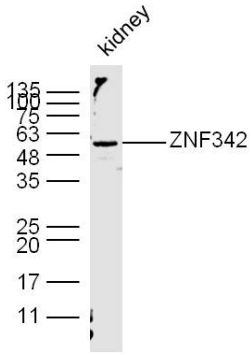
Protein Information

Name	ZNF296
Synonyms	ZNF342
Function	May be a transcriptional corepressor with KLF4.
Cellular Location	Nucleus {ECO:0000250|UniProtKB:E9Q6W4}.

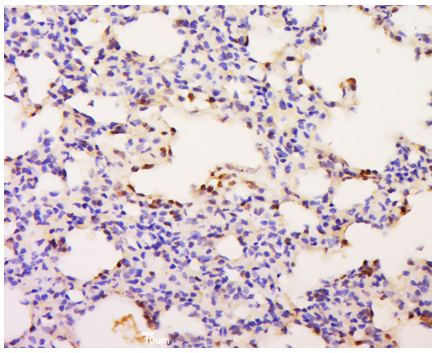
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Images



Sample: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-ZNF342 (AP54771) 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(AP54771) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.