

ZNF687 Rabbit pAb

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Catalog # AP56302

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N1G0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129529
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF687
Epitope Specificity	1001-1100/1237
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	Nucleus.
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 kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZNF687 (zinc finger protein 687) is a 1,237 amino acid nuclear protein that is involved in transcriptional regulation. A member of the Krüppel C2H2-type zinc-finger protein family, ZNF687 contains ten C2H2-type zinc fingers and exists as two alternatively spliced isoforms. The gene encoding ZNF687 maps to human chromosome 1, which comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Additional Information

Gene ID	57592
Other Names	Zinc finger protein 687, ZNF687, KIAA1441
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.

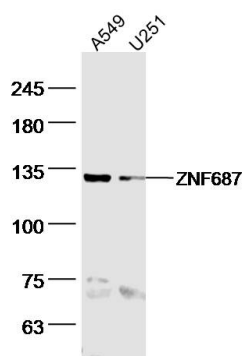
Protein Information

Name	ZNF687
Synonyms	KIAA1441
Function	May be involved in transcriptional regulation.
Cellular Location	Cytoplasm. Nucleus Note=Predominantly nuclear (PubMed:26849110). Localizes to sites of DNA damage (PubMed:27732854).
Tissue Location	Widely expressed with highest levels in ovary, muscle, blood and lung.

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Images



Sample:

A549(Human) Cell Lysate at 40 ug

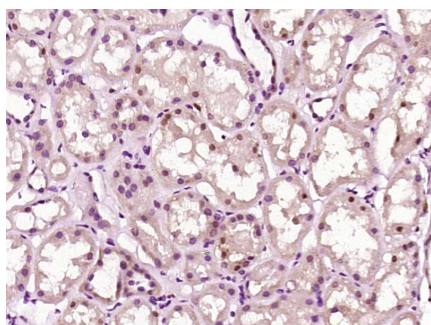
U251(Human) Cell Lysate at 40 ug

Primary: Anti-ZNF687 (AP56302) at 1/300 dilution

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

Predicted band size: 129 kD

Observed band size: 129 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (ZNF687) Polyclonal Antibody, Unconjugated (AP56302) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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