

ZAR1L Rabbit pAb

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Catalog # AP55195

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	A6NP61
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36010
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZAR1L
Epitope Specificity	51-150/321
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the ZAR1 family that is predominantly expressed in oocytes and early embryos. The protein may function as an RNA regulator in early embryos.

Additional Information

Gene ID	646799
Other Names	Protein ZAR1-like, Zygote arrest protein 1-like, ZAR1L (HGNC:37116)
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	ZAR1L (HGNC:37116)
Function	mRNA-binding protein required for maternal mRNA storage, translation and degradation during oocyte maturation (By similarity). Probably promotes formation of some phase-separated membraneless compartment that stores maternal mRNAs in oocytes: acts by undergoing liquid-liquid phase separation upon binding to maternal mRNAs (By similarity). Binds to the

3'-UTR of maternal mRNAs, inhibiting their translation (By similarity).

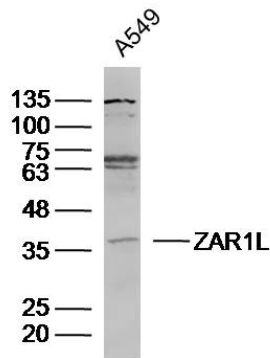
Cellular Location

Cytoplasm, Cytoplasmic ribonucleoprotein granule
{ECO:0000250|UniProtKB:C3VD30}

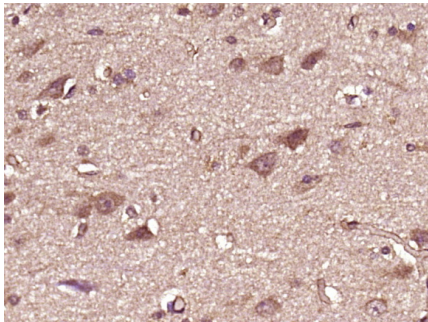
Background

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Images



Sample: A549 (Human) cell Lysate at 40 ug
Primary: Anti-ZAR1L (AP55195) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kD
Observed band size: 36 kD



Paraformaldehyde-fixed, paraffin embedded (Human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ZAR1L) Polyclonal Antibody, Unconjugated (AP55195) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

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