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Zar1l Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14260

Product Information

Application	WB
Primary Accession	C3VD30
Other Accession	NM_001159693, NP_001153165
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33765

Additional Information

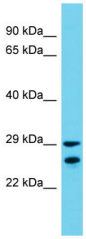
Gene ID	545824
Alias Symbol	XM_359419
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Zar1l antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Zar1l Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Zar1l {ECO:0000303|PubMed:20014101, ECO:0000312|MGI:MGI:3690051}
Function	mRNA-binding protein required for maternal mRNA storage, translation and degradation during oocyte maturation (PubMed:31598710). 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 (PubMed:31598710).
Cellular Location	Cytoplasm, Cytoplasmic ribonucleoprotein granule
Tissue Location	Expressed in oocytes and zygotes (PubMed:20014101, PubMed:31598710). Predominantly expressed in maturing oocytes before maternal-to-zygotic transition (MZT) (PubMed:31598710). Less abundant than Zar1

(PubMed:31598710).

Images



Host: Rabbit
Target Name: Zar1l
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml

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