

Product datasheet for **AP54607PU-N**

ZAR1 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/000. Western blot: 1/1000.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 8137 amino acids from the Central region of human ZAR1
Specificity:	This antibody detects ZAR1 (Center).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	zygote arrest 1
Database Link:	Entrez Gene 326340 Human Q86SH2
Background:	The female gamete, the oocyte, serves the distinct purpose of transmitting the maternal genome and other maternal factors critical for postovulation events. Oocytes have diverse functions in ovarian folliculogenesis, fertilization, and embryogenesis. ZAR1 is an oocyte-specific gene that appears to function at the oocyte-to-gamete transition (Wu et al., 2003 [PubMed 12539046]).

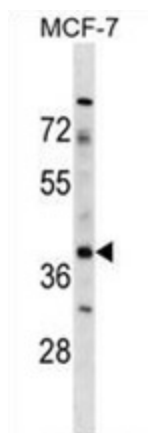


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Synonyms: Zygote arrest protein 1, Oocyte-specific maternal effect factor

Note: **Molecular Weight:** 45873 Da

Product images:



ZAR1 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35 ug/lane). This demonstrates the ZAR1 antibody detected the ZAR1 protein (arrow).