SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-ZAR1 antibody

SL13549R

Product Name:	ZAR1
Chinese Name:	受精卵抑制蛋白1抗体
Alias:	Oocyte-specific maternal effect factor; zar1; ZAR1_HUMAN; zygote arrest 1; Zygote arrest protein 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ZAR1/Zygote arrest protein 1:351-450/424
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	he 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

Function:
Essential for female fertility. May play a role in the oocyte-to-embryo transition.

Subcellular Location:
Cytoplasm.

Tissue Specificity:
Ovary and testis.

Similarity:
Belongs to the ZAR1 family.

SWISS:
Q86SH2

Gene ID:
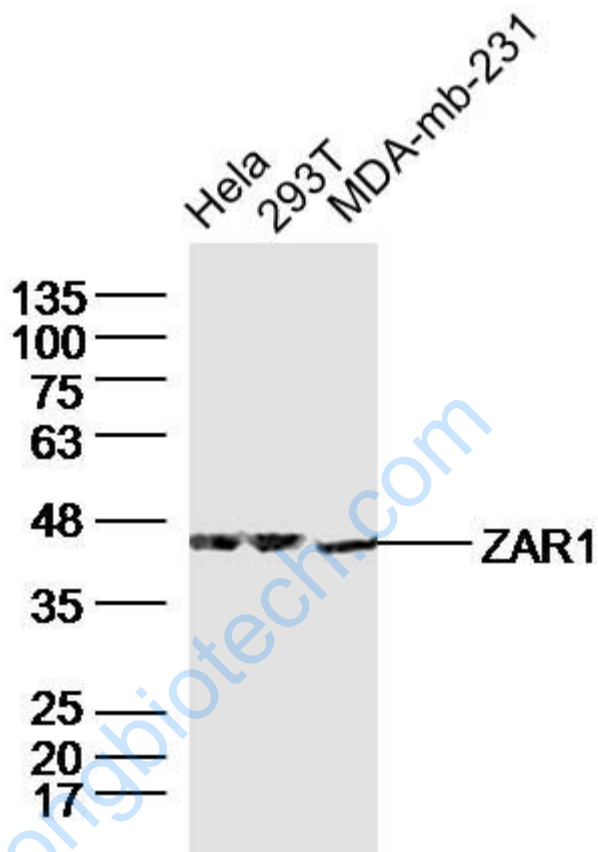326340

Database links:

Entrez Gene: 326340Human

SwissProt: Q86SH2Human

Unigene: 276457Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:

Sample:

Hela (human)Cell Lysate at 40 ug

293T (human)Cell Lysate at 40 ug

MDA-MB-231 (human)Cell Lysate at 40 ug

Primary: Anti-alpha smooth muscle Actin (SL13549R) at 1/300 dilution

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

Predicted band size: 42 kD

Observed band size: 42 kD