

## Product datasheet for **TA331349**

### POF1B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-POF1B antibody is: synthetic peptide directed towards the N-terminal region of Human POF1B. Synthetic peptide located within the following region: HYHCYHQSSQAQPPEKNVYERVRTYSGPMNKVVQALDPFNSREVLSP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	premature ovarian failure, 1B
Database Link:	<a href="#">NP_079197</a> <a href="#">Entrez Gene 79983 Human</a> <a href="#">Q8WVV4</a>



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**Background:**

Premature ovarian failure (POF) is characterized by primary or secondary amenorrhea in women less than 40 years old. Two POF susceptibility regions called 'POF1' and 'POF2' have been identified by breakpoint mapping of X-autosome translocations. POF1 extends from Xq21-qter while POF2 extends from Xq13.3 to Xq21.1. This gene, POF1B, resides in the POF2 region. This gene is expressed at trace levels in mouse prenatal ovary and is barely detectable or absent from adult ovary, in human and in the mouse respectively. This gene's expression is restricted to epithelia with its highest expression in the epidermis, and oro-pharyngeal and gastro-intestinal tracts. The protein encoded by this gene binds non-muscle actin filaments. The role this gene may play in the etiology of premature ovarian failure remains to be determined.

**Synonyms:**

POF; POF2B

**Note:**

Pig: 100%; Rat: 100%; Human: 100%; Horse: 93%; Mouse: 93%; Bovine: 93%; Dog: 86%; Rabbit: 86%; Guinea pig: 85%

**Product images:**

WB Suggested Anti-POF1B Antibody; Titration: 1.0 ug/ml; Positive Control: Jurkat Whole Cell