

## Product datasheet for **TA342521**

### FOXN4 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-FOXN4 antibody: synthetic peptide directed towards the C terminal of human FOXN4. Synthetic peptide located within the following region: HHQVQPQAHLAPDSPAPAQTPPLHALPDLSPSPLPHPAMGRAPVDFINIS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	forkhead box N4
Database Link:	<a href="#">NP_998761</a> <a href="#">Entrez Gene 121643 Human Q96NZ1</a>
Background:	Members of the winged-helix/forkhead family of transcription factors, such as FOXN4, are characterized by a 110-amino acid DNA-binding domain that can fold into a variant of the helix-turn-helix motif consisting of 3 alpha helices flanked by 2 large loops or wings. These transcription factors are involved in a variety of biologic processes as key regulators in development and metabolism (Li et al., 2004 [PubMed 15363391]). [supplied by OMIM, Mar 2008]. ##Evidence-Data-START## Transcript exon combination :: BC146825.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025094 [ECO:0000348] ##Evidence-Data-END##



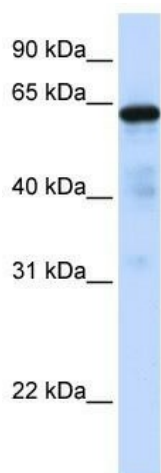
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**Synonyms:** FLJ35967

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Rat: 93%; Guinea pig: 93%; Zebrafish: 79%

**Protein Families:** Transcription Factors

**Product images:**



WB Suggested Anti-FOXN4 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: Hela cell lysate