

## Product datasheet for **TA345759**

### **RBFOX2 Rabbit Polyclonal Antibody**

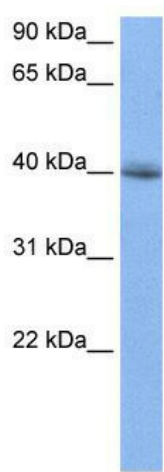
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RBM9 antibody: synthetic peptide directed towards the N terminal of human RBM9. Synthetic peptide located within the following region: STQAHGEQSSNSPSTQNGSLTTEGGAQTDGQSSQTQSSENSESKSTPKRL
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	RNA binding protein, fox-1 homolog 2
Database Link:	<a href="#">NP_001026865</a> <a href="#">Entrez Gene 23543 Human</a> <a href="#">O43251</a>



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- Background:** RBM9 is a RNA-binding protein that seems to act as a coregulatory factor of ER-alpha. This gene is one of several human genes similar to the *C. elegans* gene Fox-1. This gene encodes an RNA binding protein that is thought to be a key regulator of alternative exon splicing in the nervous system and other cell types. The protein binds to a conserved UGCAUG element found downstream of many alternatively spliced exons and promotes inclusion of the alternative exon in mature transcripts. The protein also interacts with the estrogen receptor 1 transcription factor and regulates estrogen receptor 1 transcriptional activity. Multiple transcript variants encoding different isoforms have been found for this gene.
- Synonyms:** dj106l20.3; Fox-2; FOX2; fxh; HNRBP2; HRNBP2; RBM9; RTA
- Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 85%
- Protein Families:** Druggable Genome, Transcription Factors

**Product images:**

WB Suggested Anti-RBM9 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate