

## Product datasheet for **TA308645**

### PUF60 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Zebrafish, Rat, Cow)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment contain a sequence corresponding to a region within amino acids 346 and 523 of PUF60 (Uniprot ID#Q9UHX1)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	poly(U) binding splicing factor 60KDa
Database Link:	<a href="#">NP_001129505</a> <a href="#">Entrez Gene 67959 Mouse</a> <a href="#">Entrez Gene 84401 Rat</a> <a href="#">Entrez Gene 22827 Human</a> <a href="#">Q9UHX1</a>

**Background:** The protein encoded by this gene is a Ro RNP-binding protein. It interacts with Ro RNPs and their interaction is thought to represent a gain of function for Ro RNPs. This protein also forms a ternary complex with far upstream element (FUSE) and FUSE-binding protein. It can repress a c-myc reporter via the FUSE. It is also known to target transcription factor IIH and inhibit activated transcription. This gene is implicated in the xeroderma pigmentosum disorder. There are two alternatively spliced transcript variants of this gene encoding different isoforms. There seems to be evidence of multiple polyadenylation sites for this gene. [provided by RefSeq]



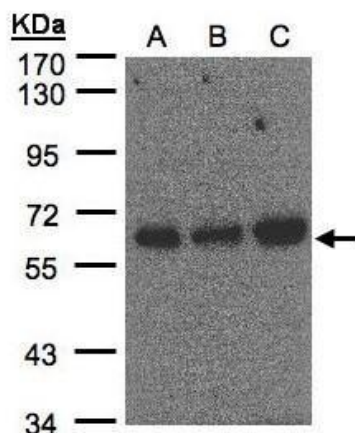
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**Synonyms:** FIR; RoBPI; SIAHBP1; VRJS

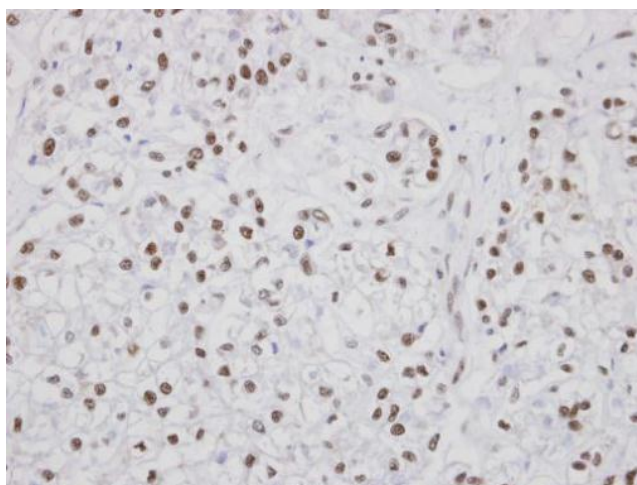
**Note:** Seq homology of immunogen across species: Mouse (99%), Zebrafish (93%), Rat (99%), Cow (99%)

**Protein Pathways:** Spliceosome

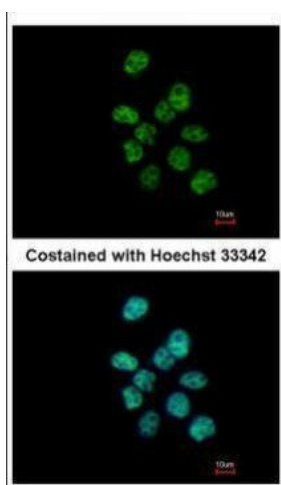
**Product images:**



Sample (30 ug of whole cell lysate). A:Hep G2. B:MOLT4. C: Raji. 7.5% SDS PAGE. TA308645 diluted at 1:500



Immunohistochemical analysis of paraffin-embedded oral tissue, using PUF60 (TA308645) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A431, using PUF60 (TA308645) antibody at 1:500 dilution.