

## Product datasheet for **TA332467S**

### U2AF65 (U2AF2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC/IF, IP, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:100 IP, 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54kDa
Gene Name:	U2 small nuclear RNA auxiliary factor 2
Database Link:	<a href="#">NP_009210</a> <a href="#">Entrez Gene 22185 Mouse</a> <a href="#">Entrez Gene 11338 Human</a> <a href="#">P26368</a>



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**Background:**

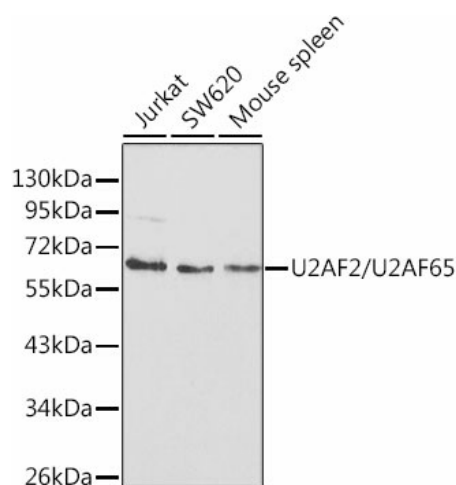
U2 auxiliary factor (U2AF), comprised of a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. This gene encodes the U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length nature of only two have been determined to date.

**Synonyms:**

U2AF65

**Protein Pathways:**

Spliceosome

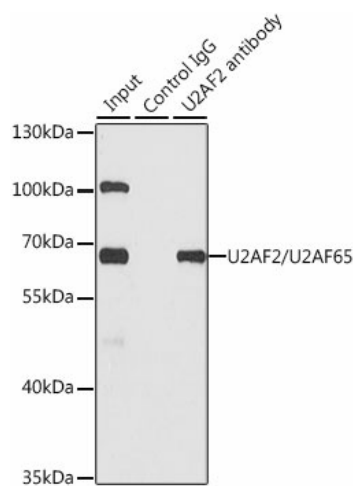
**Product images:**


Western blot analysis of various lysates using U2AF2/U2AF65 Rabbit pAb ([TA332467]) at 1:1000 dilution.

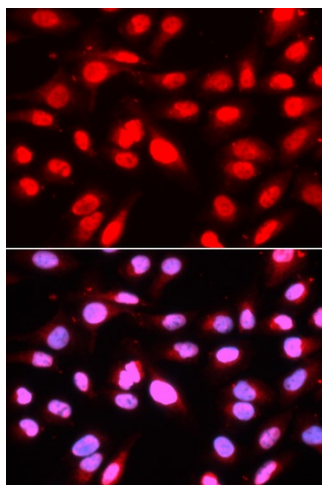
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunoprecipitation analysis of 200 µg extracts of SW620 cells using 1 µg U2AF2/U2AF65 antibody ([TA332467]). Western blot was performed from the immunoprecipitate using U2AF2/U2AF65 antibody ([TA332467]) at a dilution of 1:500.



Immunofluorescence analysis of U2OS cells using U2AF2/U2AF65 Rabbit pAb ([TA332467]).  
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.