

## Product datasheet for **TA362030**

### **TUG (ASPSR1) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ASPSCR1
Specificity:	<b>Expected reactivity:</b> Human
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>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	71 kDa
Gene Name:	ASPSR1, UBX domain containing tether for SLC2A4
Database Link:	<a href="#">NP_001238817.1</a> <a href="#">Entrez Gene 79058 Human</a> <a href="#">Q9BZE9-2</a>



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**Background:**

The protein encoded by this gene contains a UBX domain and interacts with glucose transporter type 4 (GLUT4). This protein is a tether, which sequesters the GLUT4 in intracellular vesicles in muscle and fat cells in the absence of insulin, and redistributes the GLUT4 to the plasma membrane within minutes of insulin stimulation. Translocation t(X;17) (p11;q25) of this gene with transcription factor TFE3 gene results in a ASPSCR1-TFE3 fusion protein in alveolar soft part sarcoma and in renal cell carcinomas. Multiple alternatively spliced transcript variants have been found.

**Synonyms:**

ASPCR1; ASPL; ASPS; FLJ45380; RCC17; TUG; UBXD9; UBXN9

**Product images:**

Host: Rabbit  
Target Name: ASPSCR1  
Sample Type: Hela Cell Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: ASPSCR1  
Sample Tissue: Human Hela Whole Cell lysates  
Antibody Dilution: 1  $\mu$ g/ml