

## Product datasheet for **TA360332**

### UNC13B 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 UNC13B
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:	181 kDa
Gene Name:	unc-13 homolog B (C. elegans)
Database Link:	<a href="#">NP_006368.3</a> <a href="#">Entrez Gene 10497 Human</a> <a href="#">O14795</a>
Background:	This gene is expressed in the kidney cortical epithelial cells and is upregulated by hyperglycemia. The encoded protein shares a high level of similarity to the rat homolog, and contains 3 C2 domains and a diacylglycerol-binding C1 domain. Hyperglycemia increases the levels of diacylglycerol, which has been shown to induce apoptosis in cells transfected with this gene and thus contribute to the renal cell complications of hyperglycemia. Studies in other species also indicate a role for this protein in the priming step of synaptic vesicle exocytosis.

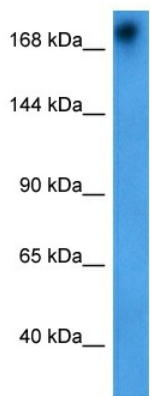


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**Synonyms:** hmunc13; MGC133279; MGC133280; MUNC13; Munc13-2; unc-13-like; UNC13; Unc13h2

**Protein Families:** Druggable Genome

**Product images:**



Host: Rabbit  
 Target Name: UNC13B  
 Sample Type: COLO205 Cell Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: UNC13B  
 Sample Tissue: Human COLO205 Whole Cell  
 Antibody Dilution: 1.0ug/ml