

## Product datasheet for **TA369791**

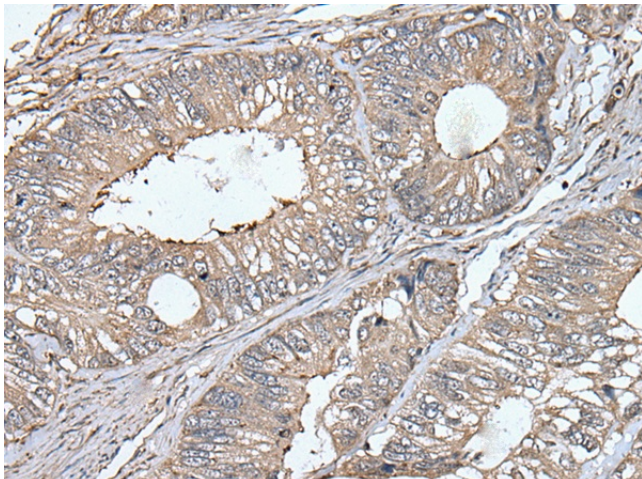
### UNC13B Rabbit Polyclonal Antibody

#### Product data:

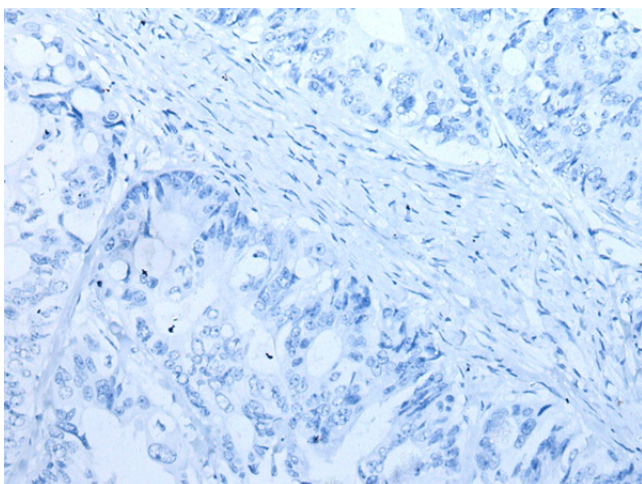
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human UNC13B
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	unc-13 homolog B (C. elegans)
Database Link:	<a href="#">Entrez Gene 10497 Human Q14795</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.
Synonyms:	hmunc13; MGC133279; MGC133280; MUNC13; Munc13-2; unc-13-like; UNC13; Unc13h2



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**Product images:**

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA369791 (UNC13B Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA369791 (UNC13B Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )