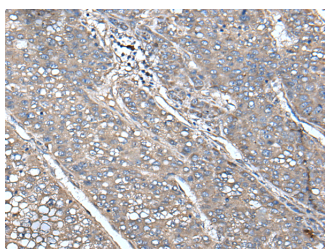


## UNC13B Polyclonal Antibody

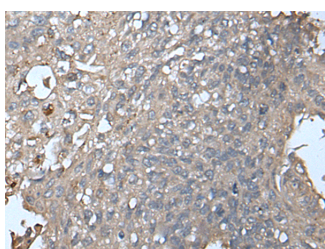
<b>Catalog No.</b>	E-AB-52441	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using UNC13B Polyclonal Antibody at dilution of 1:85(×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using UNC13B Polyclonal Antibody at dilution of 1:85(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human UNC13B
<b>Gene Accession</b>	BC111781
<b>Swissprot</b>	O14795
<b>Synonyms</b>	hmunc13,MGC133279,MGC133280,munc13,Munc13-2,Protein unc-13 homolog B,UN13B,unc-13 homolog B (C. elegans),UNC13,Unc13b,Unc13h2

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:50-1:300, ELISA 1:5000-1:10000

### 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.