

UN13B rabbit pAb

Cat No.:ES12423

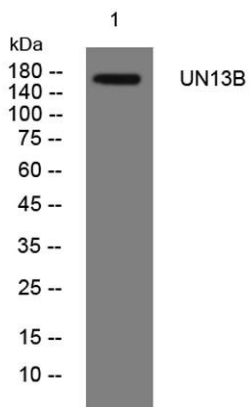
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Overview

Product Name	UN13B rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human UN13B AA range: 1325-1375
Specificity	This antibody detects endogenous levels of UN13B at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	UN13B
Gene Name	UNC13B UNC13
Cellular localization	Cytoplasm . Membrane ; Peripheral membrane protein . Cell membrane . Cell junction, synapse . Localized to synapses. Translocated to the plasma membrane in response to phorbol ester binding (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	10497
Human Swiss-Prot Number	O14795
Alternative Names	
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. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night

