

UNC13A Recombinant antibody

Cat:B36206S**Company:** HaoKebio**Uniprot ID:**Q9UPW8**Applications:** IHC:1:500-1:2000**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

Species reactivity:Human Mouse Rat

IHC-TSA:1:2500-1:10000

Molecular Weight Calculation: 193 kDa

IF:1:50-1:100

Observed Molecular Weight: 193-210 kDa

WB:1:5000-1:50000

IP:1ug for 1mg of total protein lysate

Background:

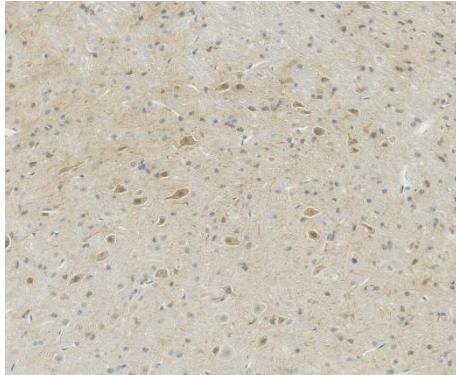
UNC13A, also named KIAA1032, belongs to the unc-13 family. It plays a role in vesicle maturation during exocytosis as a target of the diacylglycerol second messenger pathway. UNC13A is involved in neurotransmitter release by acting in synaptic vesicle priming prior to vesicle fusion and participates in the activity-dependent refilling of readily releasable vesicle pool (RRP). It is essential for synaptic vesicle maturation in most excitatory/glutamatergic but not inhibitory/GABA-mediated synapses. UNC13A is also involved in secretory granule priming in INS secretion. The antibody is specific to UNC13A.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:

Sample: Mouse brain, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:UNC13A(B36206S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:UNC13A(B36206S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Synonyms:

Munc13-1, 240017A6, KIAA1032, Munc13 1, Protein unc 13 homolog A

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.