



U119A rabbit pAb

Catalog No	YP-Ab-08765
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	UNC119 RG4
Immunogen	Synthesized peptide derived from human U119A AA range: 153-203
Specificity	This antibody detects endogenous levels of U119A at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	U119A; UNC119 RG4
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cytoplasm, cytoskeleton, spindle pole . Cytoplasm, cytoskeleton, spindle . Localizes to the centrosome in interphase cells and begins to translocate from the spindle pole to the spindle midzone after the onset of mitosis; it then localizes to the intercellular bridge in telophase cells and to the midbody in cytokinetic cells. .
Tissue Specificity	Abundantly expressed in retina, in photoreceptor synapses and inner segments. Expressed in a much lesser extent in several other tissues.
Function	function: May play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. , similarity: Belongs to the PDE6D/unc-119 family. , tissue specificity: Retinal-specific. Localized in photoreceptor synapses in the outer plexiform layer of the retina. ,



Background

This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the *C. elegans* unc119 protein and it can functionally complement the *C. elegans* unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. Two transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

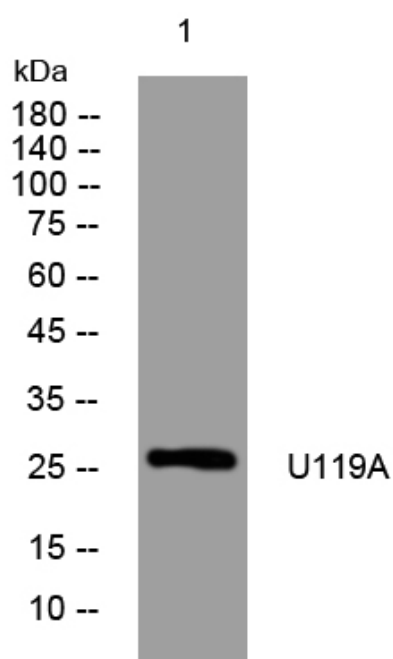
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night