

# U119A rabbit pAb

Cat No.:ES12463

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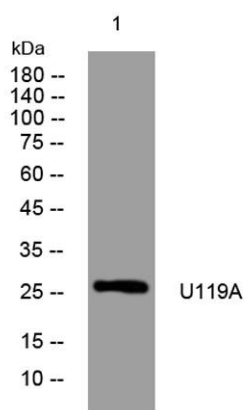
## Overview

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name             | U119A 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 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.                                                                                                                                                                                        |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                             |
| Protein Name             | U119A                                                                                                                                                                                                                                                          |
| Gene Name                | UNC119 RG4                                                                                                                                                                                                                                                     |
| Cellular localization    | 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 |
| 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            | 9094                                                                                                                                                                                                                                                           |
| Human Swiss-Prot Number  | Q13432                                                                                                                                                                                                                                                         |
| Alternative Names        |                                                                                                                                                                                                                                                                |
| 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.                                                               |





*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],



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

