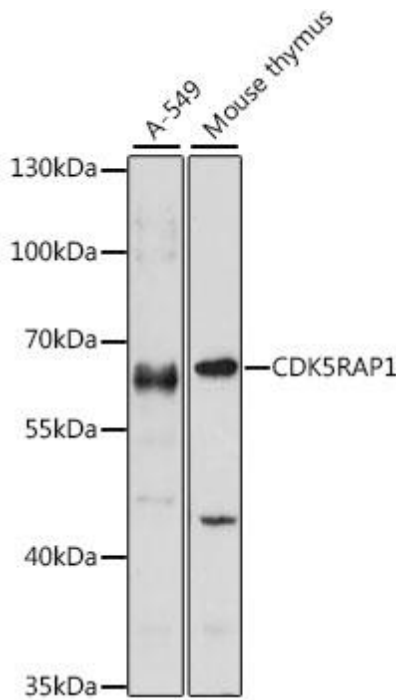


**Product name:** CDK5RAP1  
**Cat number:** AB-83855  
**Size:** 100-ug  
**Class:** POLY  
**Concentration:** 1mg/ml  
**Host:** RB  
**Isotype:** IgG  
**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-395 of human CDK5RAP1  
**Reactivity:** Hu, Ms, Rb  
**Applications:** Western Blot: 1,500- 1,2000 Immunohistochemistry: 1,50- 1,100 Immunofluorescence: 1,50- 1,100  
**Molecular Weight:** 68Da  
**Purification:** AE, Pur.  
**Form:** Liquid  
**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3  
**Storage:** Store at -20°C. Avoid freeze/thaw cycles.

**Background:** This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio group and may thus have a dual function as an RNA methyltransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms. Sequence:   
 RRPKQVQVQVRSGLWPLAVSIRKLLRKAHRSLSSTHCFPERGSRGASVSRKANGPTDFWLCASAPQVCELSSEVEFPHLRDELLGAKDKVYLETYGQWNNVDTBARGLDQGLKATKAGZADNLYLYCSIRKAEQTRWRLHKALETWRRKQVYRGLGCAERLKEELERKRFVGLAGQATRLPRLAARSSQGANVLLLETTADRRPQVTSARATSPAPYRRGZDNLKLYCYWYTRGHRPAALETKVLLKSGEAGVYLLQWRFKDKGKQVPSGAVYPLSKGFTTKHGGSLRFAKLLDQVDFV



Western blot analysis of extracts of various cell lines, using CDK5RAP1 antibody at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.