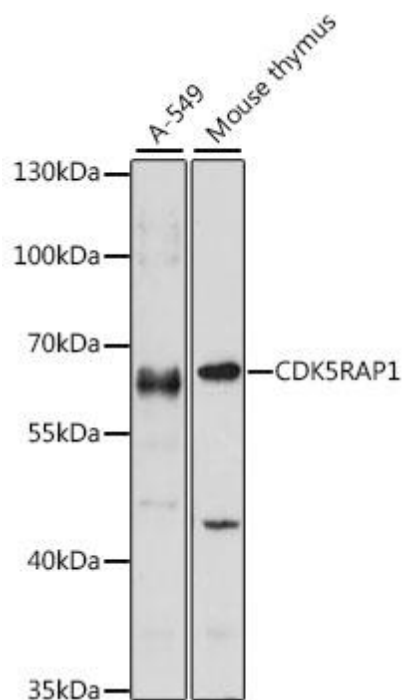


Product name: CDK5RAP1
Cat number: AB-83855
Size: 100-ug
Clone: POLY
Concentration: 1mg/ml
Host: HU
Isotype: IgG
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-355 of human CDK5RAP1
Reactivity: HU, HL, BL
Applications: Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:100 Immunofluorescence: 1:50 - 1:100
Molecular Weight: 68kDa
Purification: Aff. 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: MPRLQVQVQVRLSLGSLPLASVSLGLSLRCKAYSLSTHCPFERQESGAKZPSRLAAPTPTDPLUGSAPQELSDSEDFPFLRDELLGKQKYLETHGQNNVNDTBARSLLQSLKATNLSQZADVLLVTCRMRKAEPTNWLHLKALATMRKQVPLRGLGCKMRLEESLRMRPGLAGQATRLPGLAKASQGAARALLSLDETADMRPVQTSKATSTAPYQMRGZDHWLSTCYWPTTRGDRPRLALEVKKLSEQSAEYLLGQWNPCKQKQVQVNSHPTNLSQPTTNKIQGSLRPAHLQDQVRY



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.