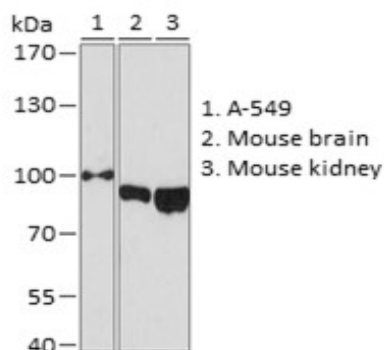
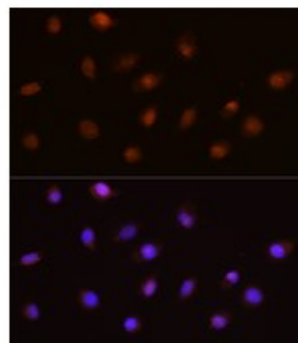


Product Name: USP4 Rabbit pAb
Catalog #: Y9432-20; Y9432-100
Also Known As: USP4; UNP; Unph
Quantity: 20 µl for Y9432-20; 100 µl for Y9432-100
Concentration: See labels on tube
Host Species: Rabbit
Isotype: IgG
Reactivity: Human, Mouse, Rat
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 560-700 of human USP4 (NP_003354.2)
Swiss Prot. #: Q13107
Calculated MW: 108 kDa
Detected MW: 95 kDa
Applications: WB (1:500 - 1:2,000)
 IF (1:50 - 1:200)
 IP (not tested)
 IHC (not tested)
 Note: Antibody dilution should be optimized by users.

Images:



Immunoblotting 25 µg whole cell extracts of various cell lines using USP4 antibody (Y9432) at 1:1,000 dilution.



Immunofluorescence of L929 cells using USP4 antibody (Y9432) at 1:100 dilution. Blue: DAPI nuclear staining.

Purification: Protein A or G affinity purification
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Storage: Store at -20°C. Centrifuge to maximize product recovery.
Background: USP4 is a member of the USP subfamily of DUBs. DUBs are categorized into 5 subfamilies: USP, UCH, OTU, MJD, and JAMM. USP4 has substrates with important function in a number of cell signalling pathways, including the NF-κB, TGF-β, Wnt/β-catenin, p53, and spliceosome pathways. Other substrates include the adenosine A2A receptor and the Ro52 (TRIM21) protein.
Reference: 1. Gupta K, et al. (1993) Oncogene 8, 2307 - 2310.
 2. Gilchrist CA, et al. (1997) J Biol Chem 272 (51), 32280 32285.
Note: This product is for research use only.