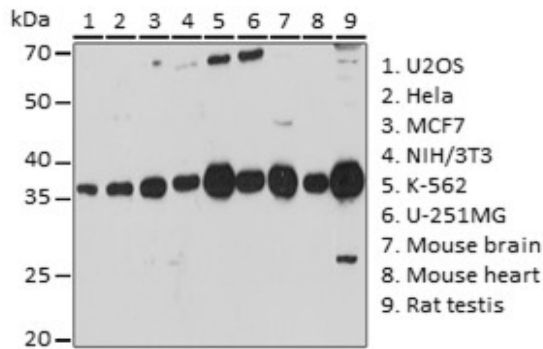
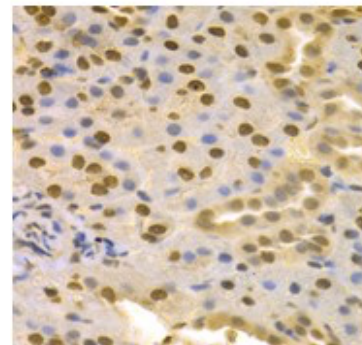


Product Name: CSN5 Rabbit pAb
Catalog #: Y2742-20; Y2742-100
Also Known As: COP55; CSN5; JAB1; MOV-34; SGN5
Quantity: 20 µl for Y2742-20; 100 µl for Y2742-100
Concentration: See labels on tube
Host Species: Rabbit
Isotype: IgG
Reactivity: Human, Mouse, Rat
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human CSN5.
Swiss Prot. #: Q92905
Calculated MW: 37 kDa
Detected MW: 37 kDa
Applications: WB (1:500 - 1:2,000)
 IHC (1:50 - 1:200)
 IP (not tested)
 IF (not tested)
 Note: Antibody dilution should be optimized by users.

Images:



Immunoblotting 25 µg whole cell extracts of various cell lines using CSN5 antibody (Y2742) at 1:1,000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using CSN5 antibody (Y2742) at 1:100 dilution.

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: CSN5 is a subunit of the COP9 signalosome complex (CSN) that catalyzes deneddylation activity. The CSN complex is an essential regulator of the ubiquitin conjugation pathway by mediating the deneddylation of the cullin subunits of the SCF-type E3 ligase complexes, leading to decrease the Ub ligase activity of SCF-type complexes. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8, possibly via its association with CK2 and PKD kinases.
Reference: 1. Claret FX, et al. (1996) Nature 383, 453 - 457.
 2. Bech - Otschir D, et al. (2001) EMBO J 20, 1630 - 1639.
Note: This product is for research use only.

