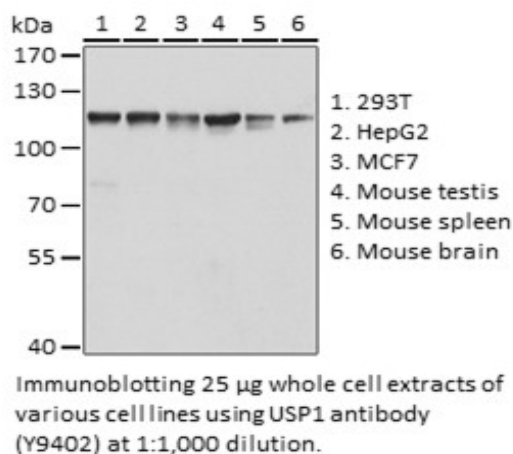


Product Name: USP1 Rabbit pAb
Catalog #: Y9402-20; Y9402-100
Also Known As: USP1; UBP
Quantity: 20 µl for Y9402-20; 100 µl for Y9402-100
Concentration: See labels on tube
Host Species: Rabbit
Isotype: IgG
Reactivity: Human, Mouse
Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 486-785 of human USP1 (NP_003359.3).
Swiss Prot. #: O94782
Calculated MW: 88 kDa
Detected MW: 115 kDa
Applications: WB (1:500 - 1:2,000)
 IP (not tested)
 IHC (not tested)
 IF (not tested)
 Note: Antibody dilution should be optimized by users.

Images:



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: USP1 is a member of the USP subfamily of DUBs. DUBs are categorized into 5 subfamilies: USP, UCH, OTU, MJD, and JAMM. USP1 is a negative regulator of DNA damage repair which specifically deubiquitinates monoubiquitinated FANCD2. Also involved in PCNA-mediated translesion synthesis (TLS) by deubiquitinating monoubiquitinated PCNA. Has almost no deubiquitinating activity by itself and requires the interaction with WDR48 to have a high activity.
Reference: 1. Fujiwara T, et al. (1998) Genomics 54, 155 - 158.
 2. Nijman SM, et al. (2005) Mol Cell 17, 331 - 339.
Note: This product is for research use only.