Product Name: SHARPIN Rabbit pAb

Catalog #: Y6212-20; Y6212-100

Also Known As: SHARPIN; SIPL1; sharpin

Quantity: 20 µl for Y6212-20; 100 µl for Y6212-100

Concentration: See labels on tube

Host Species: Rabbit

Isotype: IgG

Reactivity: Human, Rat

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human SHARPIN (NP_112236.3).

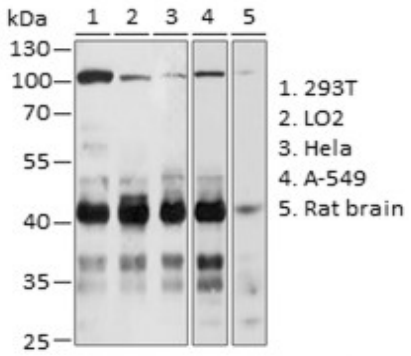
Swiss Prot. #: Q9H0F6

Calculated MW: 39 kDa

Detected MW: 39 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:



Immunoblotting 25 µg whole cell extracts of various cell lines using SHARPIN antibody (Y6212) at 1:1,000 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: SHARPIN is a component of the LUBAC complex which conjugates linear polyubiquitin chains in a head-to-tail manner to substrates and plays a key role in NF-kappa-B activation and regulation of inflammation. Sharpin harbors multiple functional motifs including an amino terminal coiled-coil (CC) domain, which has been shown to mediate the interaction between sharpin and the scaffold protein shank. The other two domains, ubiquitin-like domain (UBL) and NPL4 zinc finger domain (NZF), facilitate ubiquitin-mediated protein recognition and degradation.

Reference:
1. Daigo Y, et al. (2003) J Gastroent Hepatol 18, 712 - 718.
2. Tokunaga F, et al. (2011) Nature 471, 633 - 636.

Note: This product is for research use only.