Product Name: RNF181 Rabbit pAb

Catalog #: Y6086-20; Y6086-100

Also Known As: RNF181; HSPC238

Quantity: 20 µl for Y6086-20; 100 µl for Y6086-100

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 1-153 of human RNF181 (NP_057578.1).

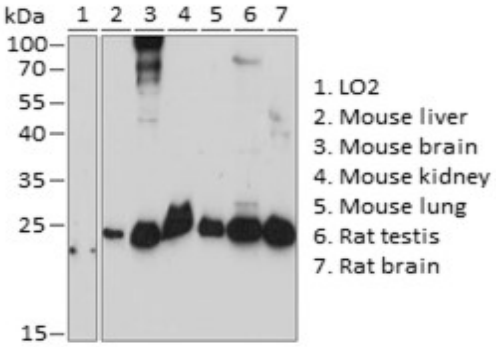
Swiss Prot. #: Q9P0P0

Calculated MW: 17 kDa

Detected MW: 17 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 RNF181 antibody (Y6086) 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: RNF181 is a platelet E3 ubiquitin-protein ligase containing a C3H2C3-type RING-H2 finger. It interacts with the KVGFFKR motif of platelet integrin alpha(IIb)beta3, suggesting a role for RNF181-mediated ubiquitination in integrin and platelet signaling. It also suppresses the tumorigenesis of hepatocellular carcinoma (HCC) through the inhibition of extracellular signal-regulated kinase/mitogen-activated protein kinase (ERK/MAPK) signaling in the liver.

Reference:
1. Brophy TM. et al. (2008) Biochem Biophys Res Commun 369, 1088 - 1093.
2. Wang SH, et al. (2011) Hepatology 53(6), 1932 - 1942.

Note: This product is for research use only.