# WDR48 Antibody (C-term)

Catalog_no： AB0785

Applications： WB

Reactivity： Rat

Category： 抗原抗体

Size： 100μL/50μL

Immunogen： HUMAN:603-630

Specificity： This WDR48 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 603-630 amino acids from the C-terminal region of human WDR48.

Dilution： WB,1:1000;IHC-P,1:50~100;FC,1:10~50;

Purification： Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Other_name： WD repeat-containing protein 48, USP1-associated factor 1, WD repeat endosomal protein, p80, WDR48, KIAA1449, UAF1

Isotype： Rabbit Ig

Background： Regulator of deubiquitinating complexes. Acts as a strong activator of USP1 by enhancing the USP1-mediated deubiquitination of FANCD2; USP1 being almost inactive by itself. Also activates deubiquitinating activity of complexes containing USP12 and USP46, respectively. Activates deubiquitination by increasing the catalytic turnover without increasing the affinity of deubiquitinating enzymes for the substrate. In case of infection by Herpesvirus saimiri, may play a role in vesicular transport or membrane fusion events necessary for transport to lysosomes. Induces lysosomal vesicle formation via interaction with Herpesvirus saimiri tyrosine kinase-interacting protein (TIP). Subsequently, TIP recruits tyrosine-protein kinase LCK, resulting in down-regulation of T-cell antigen receptor TCR. May play a role in generation of enlarged endosomal vesicles via interaction with TIP. In case of infection by papillomavirus HPV11, promotes the maintenance of the viral genome via its interaction with HPV11 helicase E1.

reference： Kee, Y., et al. J. Biol. Chem. 285(15):11252-11257(2010) Cohn, M.A., et al. J. Biol. Chem. 284(8):5343-5351(2009) Cote-Martin, A., et al. J. Virol. 82(3):1271-1283(2008) Cohn, M.A., et al. Mol. Cell 28(5):786-797(2007) Park, J., et al. J. Virol. 77(1