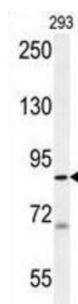
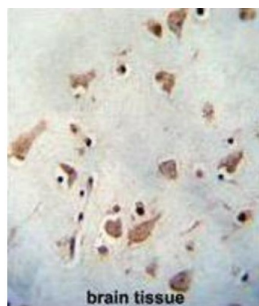
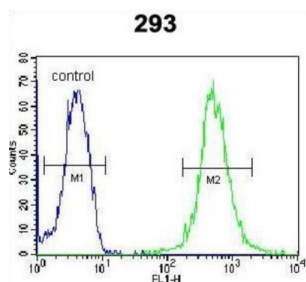


WD Repeat-Containing Protein 48 (WDR48) Antibody

Catalogue No.: abx025748



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.

Target: WD Repeat-Containing Protein 48 (WDR48)

Clonality: Polyclonal

Reactivity: Rat

Tested Applications: ELISA, WB, IHC, FCM

Datasheet

Version: 4.0.0
Revision date: 12 Mar 2025



| | |
|-------------------------------|--|
| Host: | Rabbit |
| Recommended dilutions: | WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | KLH-conjugated synthetic peptide between 603-630 amino acids from the C-terminal region of human WDR48. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified through a protein A column, followed by peptide affinity purification. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q8TAF3 (UniProt , ExPASy) |
| Gene Symbol: | WDR48 |
| KEGG: | hsa:57599 |
| String: | 9606.ENSP00000307491 |
| Molecular Weight: | Calculated MW: 76.2 kDa |
| Buffer: | PBS containing 0.09% sodium azide. |
| Specificity: | Predicted to react with Cow and Monkey WDR48. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |