

Datasheet for ABIN5517644
anti-WDR48 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	WDR48
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR48 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human WDR48
Sequence:	YEKIINLDNE SQTSSSSNNE KPGEQEKEED IAVLAEEKIE LLCQDQVLDP
Purification:	Affinity purified

Target Details

Target:	WDR48
Alternative Name:	WDR48 (WDR48 Products)
Background:	Regulator of deubiquitinating complexes. Acts as a strong activator of USP1 and USP46 (PubMed:18082604, PubMed:19075014, PubMed:26388029). Enhances the USP1-mediated deubiquitination of FANCD2, USP1 being almost inactive by itself (PubMed:18082604). Also activates deubiquitinating activity of complexes containing USP12 (PubMed:19075014).

Target Details

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.

Alias Symbols: P80, UAF1, SPG60

Protein Size: 677

Gene ID:	57599
NCBI Accession:	NM_001303402 , NP_065890
UniProt:	Q8TAF3

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.