

Rabbit WDR48 Polyclonal Antibody | anti-WDR48 antibody

WDR48 Antibody (C-term)

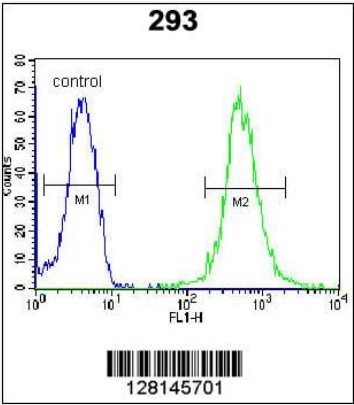
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283634	Rabbit	Human (Predicted Reactivity: Bovine, Monkey)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

WDR48; Polyclonal Antibody; WDR48 Antibody (C-term); WD repeat-containing protein 48; USP1-associated factor 1; WD repeat endosomal protein; p80; KIAA1449; UAF1; anti-WDR48 antibody

PRODUCT SPECIFICATIONS

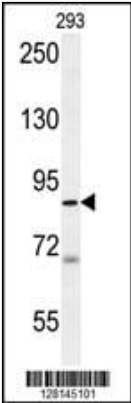
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WDR48 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 603-630 amino acids from the C-terminal region of human WDR48.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	603-630
Sequence Length	677
Applicable Applications for anti-WDR48 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
WDR48 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
WDR48 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WDR48 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
WDR48 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the WDR48 antibody detected the WDR48 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WDR48 antibody	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.
Product Categories/Family for anti-WDR48 antibody	Cell biology; Microbiology
References	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(16):9041-9051(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18874090
NCBI GeneID	57599
NCBI Accession #	NP_065890.1
NCBI GenBank Nucleotide #	NM_020839.3
UniProt Accession #	Q8TAF3; Q63HJ2; Q658Y1; Q8N3Z1; Q9NSK8; Q9P279; B4DM86; B4DQI2; B4DY84
Molecular Weight	76210
NCBI Official Full Name	WD repeat-containing protein 48 isoform 1
NCBI Official Synonym Full Names	WD repeat domain 48
NCBI Official Symbol	WDR48
NCBI Official Synonym Symbols	P80; UAF1; SPG60
NCBI Protein Information	WD repeat-containing protein 48
UniProt Protein Name	WD repeat-containing protein 48
UniProt Gene Name	WDR48
UniProt Synonym Gene Names	KIAA1449; UAF1
UniProt Entry Name	WDR48_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wdr48-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283634>