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Datasheet for ABIN955556  
**anti-WDR48 antibody (C-Term)**

2 Images

Overview

Quantity:	0.4 mL
Target:	WDR48
Binding Specificity:	AA 610-638, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 610-638 amino acids from the C-terminal region of human WDR48
Isotype:	Ig Fraction
Specificity:	This antibody detects WDR48 / p80 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	WDR48
Alternative Name:	WDR48 / p80 ( <a href="#">WDR48 Products</a> )

## Target Details

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**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. Synonyms: KIAA1449, UAF1, USP1-associated factor 1, WD repeat endosomal protein, WD repeat-containing protein 48

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**Gene ID:** 57599

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**NCBI Accession:** [NP\\_065890](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 0.25 mg/mL

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**Buffer:** PBS with 0.09 % (W/V) sodium azide

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**Preservative:** Sodium azide

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**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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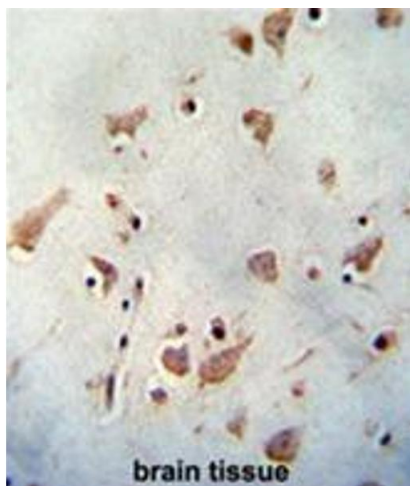
**Handling Advice:** Avoid repeated freezing and thawing.

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**Storage:** 4 °C/-20 °C

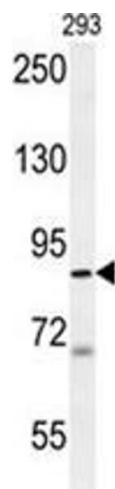
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**Storage Comment:** Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** 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.



### Western Blotting

**Image 2.** WDR48 Antibody (C-term) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the WDR48 antibody detected the WDR48 protein (arrow).