

Rabbit WDR82 Polyclonal Antibody | anti-WDR82 antibody

WDR82 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285492	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, ELISA, Immunofluorescence

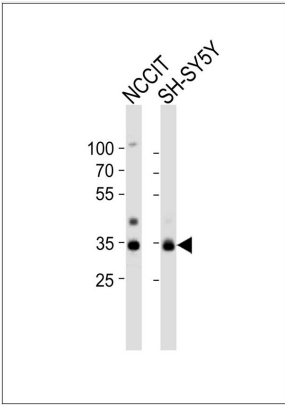
PRODUCT SYNONYMS

WDR82; Polyclonal Antibody; WDR82 Antibody (N-term); WD repeat-containing protein 82; Protein TMEM113; Swd2; TMEM113; WDR82A; anti-WDR82 antibody

PRODUCT SPECIFICATIONS

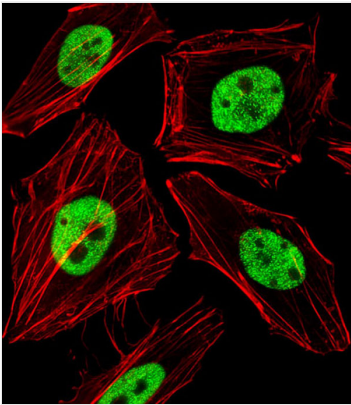
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WDR82 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12~46 amino acids from the N-terminal region of human WDR82.
Purity/Purification	Purified 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 Length	313
Applicable Applications for anti-WDR82 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Crown Antibody	Yes
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.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from NCCIT, SH-SY5Y cell line (from left to right), using WDR82 Antibody (N-term). AAA285492 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with WDR82 Antibody (N-term). AAA285492 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-WDR82 antibody	Regulatory component of the SET1 complex implicated in the tethering of this complex to transcriptional start sites of active genes. Facilitates histone H3 'Lys-4' methylation via recruitment of the SETD1A or SETD1B to the 'Ser-5' phosphorylated C-terminal domain (CTD) of RNA polymerase II large subunit (POLR2A). Component of PTW/PP1 phosphatase complex, which plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase.
Product Categories/Family for anti-WDR82 antibody	Crown Antibodies
References	Clark H.F.,et al.Genome Res. 13:2265-2270(2003). Ota T.,et al.Nat. Genet. 36:40-45(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Lee J.-H.,et al.J. Biol. Chem. 280:41725-41731(2005). Higa L.A.,et al.Nat. Cell Biol. 8:1277-1283(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904340
NCBI GeneID	80335
NCBI Accession #	NP_079498.2
NCBI GenBank Nucleotide #	NM_025222.3
UniProt Accession #	Q6UXN9; Q8TEB2; A8K5R5
Molecular Weight	35079
NCBI Official Full Name	WD repeat-containing protein 82
NCBI Official Synonym Full Names	WD repeat domain 82
NCBI Official Symbol	WDR82
NCBI Official Synonym Symbols	SWD2; MST107; WDR82A; MSTP107; PRO2730; TMEM113; PRO34047
NCBI Protein Information	WD repeat-containing protein 82
UniProt Protein Name	WD repeat-containing protein 82
UniProt Gene Name	WDR82

UniProt Synonym Gene Names	TMEM113; WDR82A
UniProt Entry Name	WDR82_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://www.aaabiotech.com/polyclonal/wdr82-antibody-western-blot-immunofluorescence-elisa/285492>