

Rabbit WDR4 Polyclonal Antibody | anti-WDR4 antibody

WDR4 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198865	Rabbit	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast	Western Blot, Immunohistochemistry

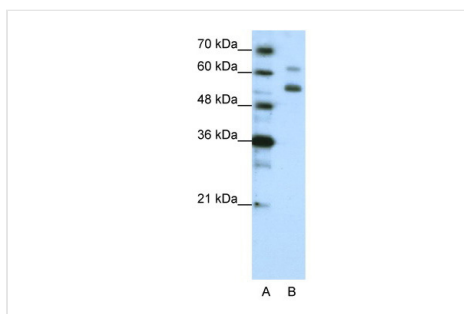
PRODUCT SYNONYMS

WDR4; Polyclonal Antibody; WDR4 antibody - C-terminal region; anti-WDR4 antibody

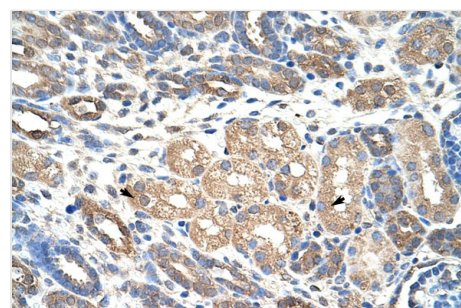
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AG ADASFSSLYK ATFDNVTSYL KKKEERLQQQ LEKKQRRRSP PPGPDGHA
Sequence Length	412
Applicable Applications for anti-WDR4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Horse: 93%; Human: 100%; Mouse: 87%; Pig: 90%; Rabbit: 83%; Rat: 75%; Yeast: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human WDR4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-WDR4 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-WDR4 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-WDR4 antibody	This is a rabbit polyclonal antibody against WDR4. It was validated on Western Blot and immunohistochemistry Target Description: WDR4 is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-WDR4 antibody	Polyclonal; Developmental Biology; Signal Transduction; Apoptosis; Meiosis/Mitosis/Cell Cycle; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445430
NCBI GeneID	10785
NCBI Accession #	NP_387510
NCBI GenBank Nucleotide #	NM_033661
UniProt Accession #	P57081
Molecular Weight	45kDa
NCBI Official Full Name	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4 isoform 1
NCBI Official Synonym Full Names	WD repeat domain 4
NCBI Official Symbol	WDR4
NCBI Official Synonym Symbols	TRM82; TRMT82
NCBI Protein Information	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4
UniProt Protein Name	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4
UniProt Gene Name	WDR4
UniProt Entry Name	WDR4_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.