Datasheet for ABIN2781910

anti-WDR33 antibody (Middle Region)

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Overview

Quantity:	100 µL
Target:	WDR33
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse, Dog, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR33 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human WDR33
Sequence:	TKFVRTSTNK VKCPVFVVRW TPEGRRLVTG ASSGEFTLWN GLTFNFETIL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 79%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against WDR33. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	WDR33

Target Details

Alternative Name:	WDR33 (WDR33 Products)
Background:	WDR33 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-asp (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 highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination.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-asp (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 highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. Alias Symbols: FLJ11294, WDC146, NET14 Protein Interaction Partner: SUMO1, WWOX, RPA3, RPA2, RPA1, BMI1, CLK2, CDK6, DYRK4, HDAC11, UBC, CDK4, MDC1, BARD1, ZNF622, FIP1L1, CPSF2, CPSF3, CPSF1, MED17, ISG15, HNRNPA1, ELAVL1, SMARCAD1, RBM48, ZBTB16, EEF1G, ZHX1, KAT7, UTP14A, GIT1, SH3GL3, PRMT1, TP53, TGFBR1, PFN2, RNPS1, Protein Size: 257
Molecular Weight:	30 kDa
Gene ID:	55339
NCBI Accession:	NM_001006623, NP_001006624
UniProt:	Q6NUQ0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 257 AA
Restrictions:	For Research Use only

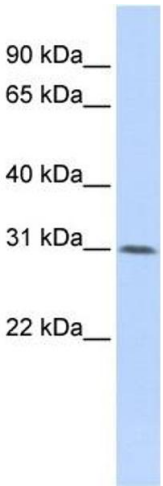
Handling

Format:	Liquid
Concentration:	Lot specific
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.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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.

Publications

Product cited in:	Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) (PubMed).

Images



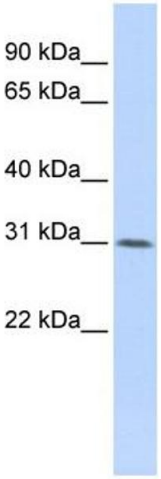
Western Blotting

Image 1. WB Suggested Anti-WDR33

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.2500

Positive Control: HepG2 cell lysate

WDR33 is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-WDR33 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate WDR33 is supported by BioGPS gene expression data to be expressed in HepG2