Datasheet for ABIN7602332

anti-WDR12 antibody (AA 7-396)

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Overview

Quantity:	100 µg
Target:	WDR12
Binding Specificity:	AA 7-396
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-WDR12 Antibody Picoband®
Immunogen:	E.coli-derived human WDR12 recombinant protein (Position: R7-D396).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-WDR12 Antibody Picoband® (ABIN7602332). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	WDR12
Alternative Name:	WDR12 (WDR12 Products)
Background:	Synonyms: Inorganic pyrophosphatase, Pyrophosphate phospho-hydrolase, Ppase, PPA1, IOPPP, PP Tissue Specificity: Expressed ubiquitously. Background: Ribosome biogenesis protein WDR12 is a protein that in humans is encoded by the WDR12 gene on chromosome 2. 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 protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.
Molecular Weight:	48 kDa
Gene ID:	55759

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 10/27/2015. 2. Holzel, M., Rohrmoser, M., Schlee, M., Grimm, T., Harasim, T., Malamoussi, A., Gruber-Eber, A., Kremmer, E., Hiddemann, W., Bornkamm, G. W., Eick, D. Mammalian WDR12 is a novel member of the Pes1-Bop1 complex and is required for ribosome biogenesis and cell proliferation. J. Cell Biol. 170: 367-378, 2005. 3. Kellner, M., Rohrmoser, M., Forne, I., Voss, K., Burger, K., Muhl, B., Gruber-Eber, A., Kremmer, E., Imhof, A., Eick, D. DEAD-box helicase DDX27 regulates 3-prime end formation of ribosomal 47S RNA and stably associates with the PeBoW-complex. Exp. Cell Res. 334: 146-159, 2015.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

Handling

Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.

