Datasheet for ABIN7600216

anti-WDR13 antibody (AA 164-485)

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Overview

Quantity:	100 µg
Target:	WDR13
Binding Specificity:	AA 164-485
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR13 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-WDR13 Antibody Picoband®
Immunogen:	E.coli-derived human WDR13 recombinant protein (Position: Y164-K485).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-WDR13 Antibody Picoband® (ABIN7600216). 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:	WDR13
Alternative Name:	WDR13 (WDR13 Products)
Background:	Synonyms: Alpha-amylase 1,3.2.1.1,1,4-alpha-D-glucan glucanohydrolase 1,Salivary alpha-amylase,AMY1A,AMY1,AMY1B,AMY1,AMY1C,AMY1, Tissue Specificity: Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine. Expressed in the lens, cornea and retina. Strongly expressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body. Background: 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. A similar protein in mouse is thought to be a negative regulator of the pancreatic beta cell proliferation. Mice lacking this gene exhibit increased pancreatic islet mass and higher serum insulin levels, and are mildly obese.
Molecular Weight:	56 kDa
Gene ID:	64743
UniProt:	Q9H1Z4

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. Singh, B. N., Suresh, A., UmaPrasad, G., Subramanian, S., Sultana, M., Goel, S., Kumar, S., Singh, L. A highly conserved human gene encoding a novel member of WD-repeat family of proteins (WDR13). Genomics 81: 315-328, 2003. 2. Singh, V. P., Lakshmi, B. J., Singh, S., Shah, V., Goel, S., Sarathi, D. P., Kumar, S. Lack of Wdr13 gene in mice leads to enhanced pancreatic beta cell proliferation, hyperinsulinemia and mild obesity. PLoS One 7: e38685, 2012. Note: Electronic Article.
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.

