Datasheet for ABIN7600984

anti-TTC38 antibody (AA 267-469)

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Overview

Quantity:	100 µg
Target:	TTC38
Binding Specificity:	AA 267-469
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTC38 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TTC38 Antibody Picoband®
Immunogen:	E.coli-derived human TTC38 recombinant protein (Position: E267-Q469).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TTC38 Antibody Picoband® (ABIN7600984). Tested in ELISA, IF, ICC, WB, Flow Cytometry 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:	TTC38
Alternative Name:	TTC38 (TTC38 Products)
Background:	Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: TTC38 (tetratricopeptide repeat domain 38) is a 469 amino acid protein that contains three TPR repeats and belongs to the TTC38 family. The gene that encodes TTC38 consists of over 26,000 bases and maps to 22q13. Housing over 500 genes, chromosome 22 is the second smallest chromosome in the human genome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. In addition, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.
Molecular Weight:	53 kDa
Gene ID:	55020
UniProt:	Q5R3I4

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Vinayagam, A. , Stelzl, U. , Foulle, R. , Plassmann, S. , Zenkner, M. , & Timm, J. , et al. (2011). A ed protein interaction network for investigating Fixed signal transduction. Science Signaling, 4(189), rs8. 2. Xin, S. A. , Yh, E. , Ys, D. , Cw, B. , Gy, E. , & Hc, F. , et al. (2021). The involvement of parkin-dependent mitophagy in the anti-cancer activity of ginsenoside. Journal of Ginseng Research. 3. Lamesch, P. , Li, N. , Milstein, S. , Fan, C. , & Hao, T. . (2007). Horfeome v3.1: a resource of human open reading frames representing over 10,000 human genes. Genomics, 89(3), 307-315.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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.