

Datasheet for ABIN7601220
anti-TP53I13 antibody (AA 30-365)



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Overview

Quantity:	100 µg
Target:	TP53I13
Binding Specificity:	AA 30-365
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TP53I13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-TP53I13 Antibody Picoband®
Immunogen:	E.coli-derived human TP53I13 recombinant protein (Position: A30-Q365).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	<p>Anti-TP53I13 Antibody Picoband® (ABIN7601220). Tested in ELISA, IF, IHC, WB applications.</p> <p>This antibody reacts with Human, Mouse, Rat. 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.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	TP53I13
Alternative Name:	TP53I13 (TP53I13 Products)
Background:	<p>Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: TP53I13 is involved in several processes, including negative regulation of cell cycle, response to UV, and response to xenobiotic stimulus. It may act as a tumor suppressor which could inhibit tumor cell growth, when overexpressed.</p>
Molecular Weight:	55 kDa
Gene ID:	90313

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunofluorescence, 5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Otsuki, T. , Ota, T. , Nishikawa, T. , Hayashi, K. , & Isogai, T. . (2005). Signal sequence and keyword trap in silico for selection of full-length human cdnas encoding secretion or membrane proteins from oligo-capped cDNA libraries. Dna Research, 12(2), 117-126. 2. Luck, K. , Kim, D. K. , Lambourne, L. , Spirohn, K. , & Calderwood, M. A. . (2020). A reference map of the human binary protein interactome. Nature, 580(D1). 3. Ota, T. , Suzuki, Y. , Nishikawa, T. , Otsuki, T. , Sugiyama, T. , & Irie, R. , et al. (2004). Complete sequencing and characterization of 21,243 full-length human cdnas. Nature Genetics.</p>
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 Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C

Handling

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.