

Datasheet for ABIN7599035
anti-TSR2 antibody (AA 1-176)



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Overview

Quantity:	100 µg
Target:	TSR2
Binding Specificity:	AA 1-176
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSR2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-TSR2 Antibody Picoband®
Immunogen:	E.coli-derived human TSR2 recombinant protein (Position: M1-E176).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TSR2 Antibody Picoband® (ABIN7599035). Tested in ELISA, IHC, WB applications. 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	TSR2
Alternative Name:	TSR2 (TSR2 Products)
Background:	<p>Synonyms: Mitochondrial import inner membrane translocase subunit Tim17-A, Inner membrane preprotein translocase Tim17a, TIMM17A, MIMT17, TIM17, TIM17A, TIMM17</p> <p>Background: TSR2 ribosome maturation factor is a protein that in humans is encoded by the TSR2 gene. The protein encoded by this gene appears to repress the transcription of NF-kappaB and may be involved in apoptosis. Defects in this gene are a cause of Diamond-Blackfan anemia.</p>
Molecular Weight:	24-30 kDa
Gene ID:	90121
UniProt:	Q969E8

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, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Gripp, K. W., Curry, C., Olney, A. H., Sandoval, C., Fisher, J., Chong, J. X.-L., UW Center for Mendelian Genomics, Pilchman, L., Sahraoui, R., Stabley, D. L., Sol-Church, K. Diamond-Blackfan anemia with mandibulofacial dystostosis (sic) is heterogeneous, including the novel DBA genes TSR2 and RPS28. Am. J. Med. Genet. 164A: 2240-2249, 2014. 2. Gripp, K. W., McDonald-McGinn, D. M., La Rossa, D., McGain, D., Federman, N., Vlachos, A., Glader, B. E., McKenzie, S. E., Lipton, J. M., Zackai, E. H. Bilateral microtia and cleft palate in cousins with Diamond-Blackfan anemia. Am. J. Med. Genet. 101: 268-274, 2001. 3. He, H., Zhu, D., Sun, J., Pei, R., Jia, S. The novel protein TSR2 inhibits the transcriptional activity of nuclear factor-kappa-B and induces apoptosis. Molec. Biol. (Mosk) 45: 451-457, 2011.</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 Na2HPO4.

Handling

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.