

Datasheet for ABIN7600533
anti-SGTB antibody (AA 20-268)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SGTB
Binding Specificity:	AA 20-268
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SGTB antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-SGT2/SGTB Antibody Picoband®
Immunogen:	E.coli-derived human SGT2/SGTB recombinant protein (Position: Q20-A268).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-SGT2/SGTB Antibody Picoband® (ABIN7600533). Tested in ELISA, WB applications. This antibody reacts with Human, 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:	SGTB
Alternative Name:	SGTB (SGTB Products)
Background:	<p>Synonyms: Alpha-amylase 1,3.2.1.1,1,4-alpha-D-glucan glucanohydrolase 1,Salivary alpha-amylase,AMY1A,AMY1,AMY1B,AMY1,AMY1C,AMY1,</p> <p>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.</p> <p>Background: Predicted to enable molecular adaptor activity. Predicted to be involved in positive regulation of chaperone-mediated protein folding, posttranslational protein targeting to endoplasmic reticulum membrane, and ubiquitin-dependent ERAD pathway. Predicted to be part of TRC complex. Predicted to be active in membrane.</p>
Molecular Weight:	36 kDa
Gene ID:	54557

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Qi, Tian, He-Fen, Sun, Wen-Jing, & Wang, et al. (2019). Mirrna-365b promotes hepatocellular carcinoma cell migration and invasion by downregulating sgtb. Future oncology (London, England). 2. Cao, M. , Xu, W. , Yu, J. , Zheng, H. , Tan, X. , & Li, L. , et al. (2013). Up-regulation of sgtb is associated with neuronal apoptosis after neuroinflammation induced by lipopolysaccharide. Journal of Molecular Histology, 44(5), 507-518. 3. Heavner, G. A. , Audhya, T. , & Goldstein, G. . (1990). Peptide analogs of thymopentin distinguish distinct thymopoietin receptor specificities on two human t cell lines. Regulatory Peptides, 27(2), 257-262.</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.
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.