

Datasheet for ABIN7599727
anti-INSM2 antibody (AA 11-529)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	INSM2
Binding Specificity:	AA 11-529
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INSM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-INSM2 Antibody Picoband®
Immunogen:	E.coli-derived human INSM2 recombinant protein (Position: K11-H529). Human INSM2 shares 62.4% amino acid (aa) sequence identity with mouse INSM2.
Characteristics:	Anti-INSM2 Antibody Picoband® (ABIN7599727). Tested in WB, ELISA 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:	INSM2
Alternative Name:	INSM2 (INSM2 Products)
Background:	INSM2 may function as a growth suppressor or tumor suppressor in liver cells and in certain neurons.
Molecular Weight:	69 kDa
Gene ID:	84684
UniProt:	Q96T92

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Cai, T., Chen, X., Wang, R., Xu, H., You, Y., Zhang, T., Lan, M. S., Notkins, A. L. Expression of insulinoma-associated 2 (INSM2) in pancreatic islet cells is regulated by the transcription factors Ngn3 and NeuroD1. Endocrinology 152: 1961-1969, 2011. 2. Wang, L., Sun, Z. S., Xiang, B., Wei, C., Wang, Y., Sun, K., Chen, G., Lan, M. S., Carmona, G. N., Notkins, A. L., Cai, T. Targeted deletion of Insm2 in mice result (sic) in reduced insulin secretion and glucose intolerance. J. Transl. Med. 16: 297, 2018. Note: Electronic Article.
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.