

Datasheet for ABIN7601760

anti-Synaptogyrin 3 antibody (AA 45-229)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Synaptogyrin 3 (SYNGR3)
Binding Specificity:	AA 45-229
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Synaptogyrin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-Synaptogyrin 3/SYNGR3 Antibody Picoband®
Immunogen:	E.coli-derived human Synaptogyrin 3/SYNGR3 recombinant protein (Position: N45-Y229).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Synaptogyrin 3/SYNGR3 Antibody Picoband® (ABIN7601760). 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:	Synaptogyrin 3 (SYNGR3)
Alternative Name:	SYNGR3 (SYNGR3 Products)
Background:	<p>Synonyms: Transmembrane protein 199, TMEM199, C17orf32</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Synaptogyrin 3 is a protein that in humans is encoded by the SYNGR3 gene. This gene encodes an integral membrane protein. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it is a synaptic vesicle protein that also interacts with the dopamine transporter. The gene product belongs to the synaptogyrin gene family.</p>
Molecular Weight:	24 kDa
Gene ID:	9143
UniProt:	O43761

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, 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. Kedra, D., Pan, H.-Q., Seroussi, E., Fransson, I., Guilbaud, C., Collins, J. E., Dunham, I., Blennow, E., Roe, B. A., Piehl, F., Dumanski, J. P. Characterization of the human synaptogyrin gene family. Hum. Genet. 103: 131-141, 1998.</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
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.