

Datasheet for ABIN7043785

anti-SYNDIG1 antibody (Intracellular, N-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µL
Target:	SYNDIG1
Binding Specificity:	AA 119-132, Intracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RSPTKDSLEYPDGK, corresponding to amino acid residues 119-132 of rat SyndIG1
Isotype:	IgG
Characteristics:	Anti-SyndIG1 Antibody (ABIN7043785, ABIN7044392 and ABIN7044393)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot analysis. It has been designed to recognize SyndIG1 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	SYNDIG1
Alternative Name:	SyndIG1 (SYNDIG1 Products)

Target Details

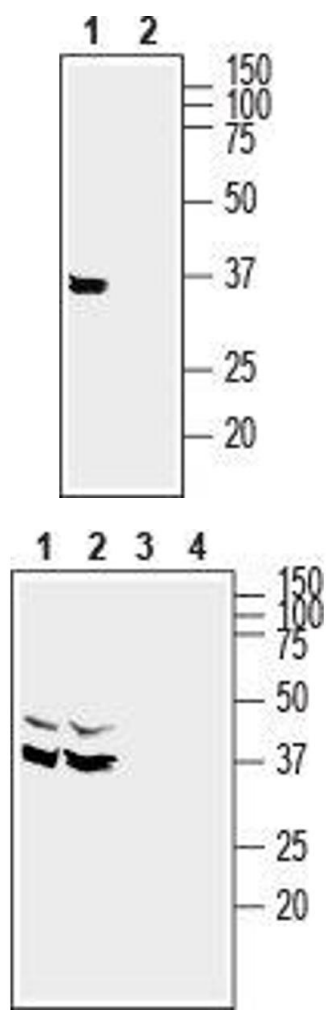
Background:	Alternative names: SynDIG1, Synapse differentiation-inducing gene protein 1, Transmembrane Protein 90B, TMEM90B, Dispanin subfamily C member 2, DSPC2
Gene ID:	362235
NCBI Accession:	NM_024893
UniProt:	Q58DZ9
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of human SH-SY5Y neuroblastoma cell line: - 1. Anti-SynDIG1 Antibody (ABIN7043785, ABIN7044392 and ABIN7044393), (1:400).2. Anti-SynDIG1 Antibody, preincubated with SynDIG1 Blocking Peptide (#BLP-GC049).

Western Blotting

Image 2. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-SynDIG1 Antibody (ABIN7043785, ABIN7044392 and ABIN7044393), (1:200).3,4. Anti-SynDIG1 Antibody, preincubated with SynDIG1 Blocking Peptide (#BLP-GC049).