

Datasheet for ABIN7043614  
**anti-Septin 7 antibody (Intracellular)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	0.2 mL
Target:	Septin 7 (SEPT7)
Binding Specificity:	AA 83-96, Intracellular
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: Peptide (C)HRIKKTQVEQSK, corresponding to amino acid residues 83-96 of rat Septin-7
Isotype:	IgG
Characteristics:	Anti-Septin-7 Antibody (ABIN7043614, ABIN7044544 and ABIN7044545)) 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 Septin-7 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

Target:	Septin 7 (SEPT7)
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## Target Details

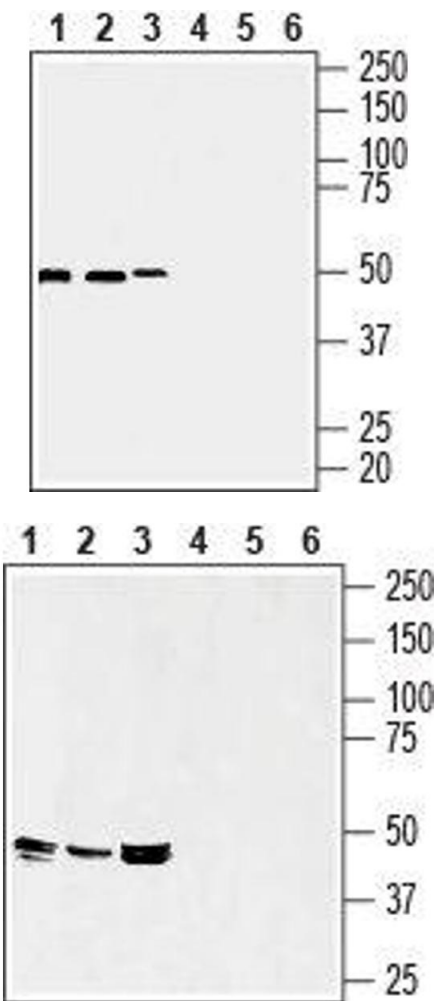
Alternative Name:	Septin-7 ( <a href="#">SEPT7 Products</a> )
Background:	Alternative names: Sept7, CDC10, SEPT7A, NBLA02942, CDC3
Gene ID:	64551
NCBI Accession:	<a href="#">NM_001788</a>
UniProt:	<a href="#">Q9WVC0</a>

## 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 Burkitt's lymphoma Daudi (lanes 1 and 3), human T-cell leukemia Jurkat (lanes 2 and 5) and human breast adenocarcinoma MCF-7 cell lysates (lanes 3 and 6): - 1-3. Anti-Septin-7 Antibody (ABIN7043614, ABIN7044544 and ABIN7044545), (1:200). 4-6. Anti-Septin-7 Antibody, preincubated with Septin-7 Blocking Peptide (#BLP-IP047) (#BLP-IP047).

Western Blotting

**Image 2.** Western blot analysis of rat spleen (lanes 1 and 4), mouse spleen (lanes 2 and 5) and mouse brain (lanes 3 and 6) lysates: - 1-3. Anti-Septin-7 Antibody (ABIN7043614, ABIN7044544 and ABIN7044545), (1:200). 4-6. Anti-Septin-7 Antibody, preincubated with Septin-7 Blocking Peptide (#BLP-IP047) (#BLP-IP047).