

Datasheet for ABIN545723  
**anti-Septin 9 antibody (C-Term)**[2 Images](#)[4 Publications](#)[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Septin 9 (SEPT9)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Septin 9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of SEPT9.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to 539-568 at C-terminus of human SEPT9.
Cross-Reactivity:	Human

## Target Details

Target:	Septin 9 (SEPT9)
Alternative Name:	Septin-9 (SEPT9) ( <a href="#">SEPT9 Products</a> )
Gene ID:	10801

## Application Details

Application Notes:	ELISA (1:1000) Western Blot (1:100-1:500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
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Restrictions:	For Research Use only
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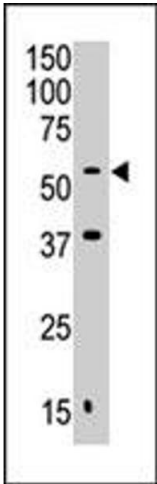
## Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Publications

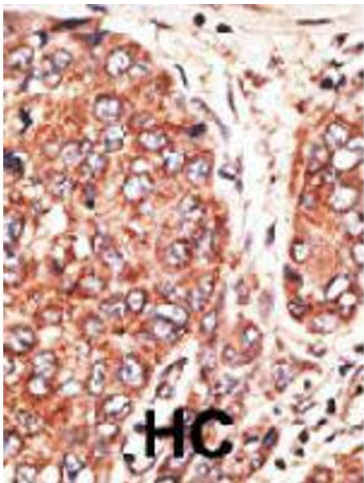
Product cited in:	<p>Tóth, Wasserkort, Sipos, Kalmár, Wichmann, Leiszter, Valcz, Juhász, Miheller, Patai, Tulassay, Molnár: "Detection of methylated septin 9 in tissue and plasma of colorectal patients with neoplasia and the relationship to the amount of circulating cell-free DNA." in: <b>PLoS ONE</b>, Vol. 9, Issue 12, pp. e115415, (2014) (<a href="#">PubMed</a>).</p> <p>Wasserkort, Kalmar, Valcz, Spisak, Krispin, Toth, Tulassay, Sledziewski, Molnar: "Aberrant septin 9 DNA methylation in colorectal cancer is restricted to a single CpG island." in: <b>BMC cancer</b>, Vol. 13, pp. 398, (2013) (<a href="#">PubMed</a>).</p> <p>McIlhatton, Burrows, Donaghy, Chanduloy, Johnston, Russell: "Genomic organization, complex splicing pattern and expression of a human septin gene on chromosome 17q25.3." in: <b>Oncogene</b>, Vol. 20, Issue 41, pp. 5930-9, (2001) (<a href="#">PubMed</a>).</p> <p>Russell, McIlhatton, Burrows, Donaghy, Chanduloy, Petty, Kalikin, Church, McIlroy, Harkin, Keilty, Cranston, Weissenbach, Hickey, Johnston: "Isolation and mapping of a human septin gene to a region on chromosome 17q, commonly deleted in sporadic epithelial ovarian tumors." in:</p>
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Images



Western Blotting

**Image 1.** The MAFK polyclonal antibody is used in Western blot to detect MAFK in Jurkat cell lysate.



Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with MAFK polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.