

## Product datasheet for **TA507284AM**

### SEPTIN1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1E1]

#### Product data:

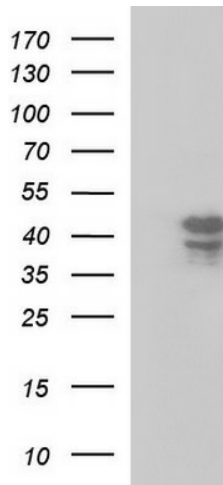
Product Type:	Primary Antibodies
Clone Name:	OTI1E1
Applications:	WB
Recommended Dilution:	WB 1:200~1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SEPT1(NP_443070) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41.8 kDa
Gene Name:	septin 1
Database Link:	<a href="#">NP_443070</a> <a href="#">Entrez Gene 1731 Human</a> <a href="#">Q8WYJ6</a>
Background:	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced transcript variants have been found but the full-length nature of these variants has not been determined. [provided by RefSeq, Dec 2012]



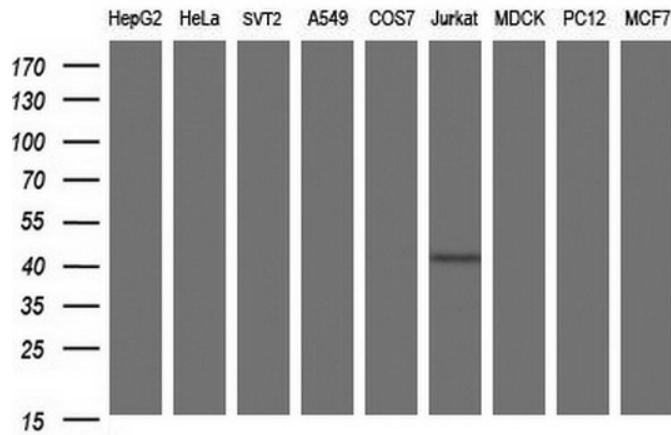
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Synonyms: DIFF6; LARP; PNUTL3; SEP1

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SEPT1 (Cat# [RC204253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SEPT1 (Cat# [TA507284]). Positive lysates [LY409449] (100ug) and [LC409449] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SEPT1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).