

For Research Use Only

# SERTAD1 Polyclonal antibody

Catalog Number: 10167-1-AP



## Basic Information

<b>Catalog Number:</b> 10167-1-AP	<b>GenBank Accession Number:</b> BC002670	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 29950	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UHV2	
<b>Isotype:</b> IgG	<b>Full Name:</b> SERTA domain containing 1	
<b>Immunogen Catalog Number:</b> AG0180	<b>Calculated MW:</b> 25 kDa	
	<b>Observed MW:</b> 25 kDa	

## Applications

**Tested Applications:**  
IHC, ELISA

**Species Specificity:**  
human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : mouse heart tissue, mouse embryo tissue

## Background Information

SERTA domain containing 1 (SERTAD1, synonyms: SEI1, TRIP-Br1) protein is a cyclin-dependent kinase 4 (cdk4)-binding protein and acts as a growth factor sensor and facilitates the formation and activation of cyclin D-CDK complexes in the face of inhibitory levels of INK4 proteins, therefore, antagonizes the activity of p16(INK4a) tumor suppressor. SERTAD1 also suppresses CREB-mediated transcription and regulates cell cycle progression through sequential effects on the transcriptional activity of E2F-responsive promoters during G(1) and S phases.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

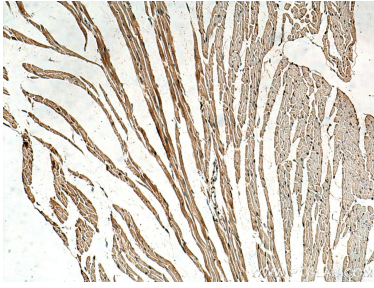
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

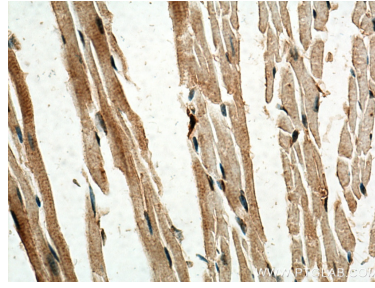
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 10167-1-AP (SERTAD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 10167-1-AP (SERTAD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).