

SERTAD1 Polyclonal antibody

Catalog Number: 10167-1-AP

Basic Information

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

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse heart tissue, mouse embryo tissue
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	

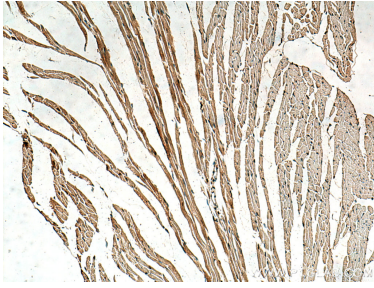
Background Information

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.

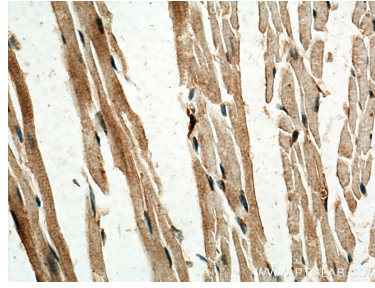
Storage

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

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).