

## SERTAD1 Polyclonal Antibody

Catalog number: 10167-1-AP

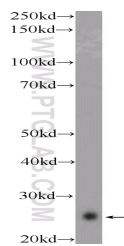
Size: 37 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

SERTAD1; CDK4 binding protein p34SEI1, SEI 1, SEI1, SERTA domain containing 1, SERTAD1, TRIP Br1



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 10167-1-AP ( SERTAD1 Antibody) at dilution of 1:1000

### Background

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.

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated SERTAD1 MW:	25 kDa
Observed SERTAD1 MW:	25 kDa
Positive WB detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0180
GenBank accession number:	BC002670
Gene ID (NCBI):	29950
Full name:	SERTA domain containing 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.