

Product datasheet for **TA362798**

SGT1 (ECD) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ECD
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	70 kDa
Gene Name:	ecdysoneless cell cycle regulator
Database Link:	NP_001129224.1 Entrez Gene 11319 Human O95905



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Background:

Regulator of p53/TP53 stability and function. Inhibits MDM2-mediated degradation of p53/TP53 possibly by cooperating in part with TXNIP. May be involved transcriptional regulation. In vitro has intrinsic transactivation activity enhanced by EP300. May be a transcriptional activator required for the expression of glycolytic genes. Involved in regulation of cell cycle progression. Proposed to disrupt Rb-E2F binding leading to transcriptional activation of E2F proteins. The cell cycle -regulating function may depend on its RUVBL1-mediated association with the R2TP complex. May play a role in regulation of pre-mRNA splicing.

Synonyms:

GCR2; hSGT1; SGT1

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Host: Rabbit
Target Name: ECD
Sample Type: HepG2 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: ECD
Sample Tissue: Human HepG2 Whole Cell lysates
Antibody Dilution: 1ug/ml