

Product datasheet for **TA322454**

SKP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1000-5000, WB: 1:500-2000, IHC: 1:25-100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 163 amino acids of human S-phase kinase-associated protein 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	S-phase kinase-associated protein 1
Database Link:	NP_008861 Entrez Gene 287280 Rat Entrez Gene 6500 Human P63208



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Background:

This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to the F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitination of specific protein substrates, which targets them for degradation by the proteasome. Specific F-box proteins recognize different target protein(s), and many specific SCF substrates have been identified including regulators of cell cycle progression and development. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7.

Synonyms:

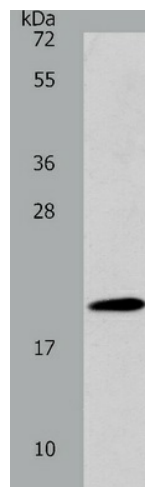
EMC19; OCP-II; OCP2; p19A; SKP1A; TCEB1L

Protein Families:

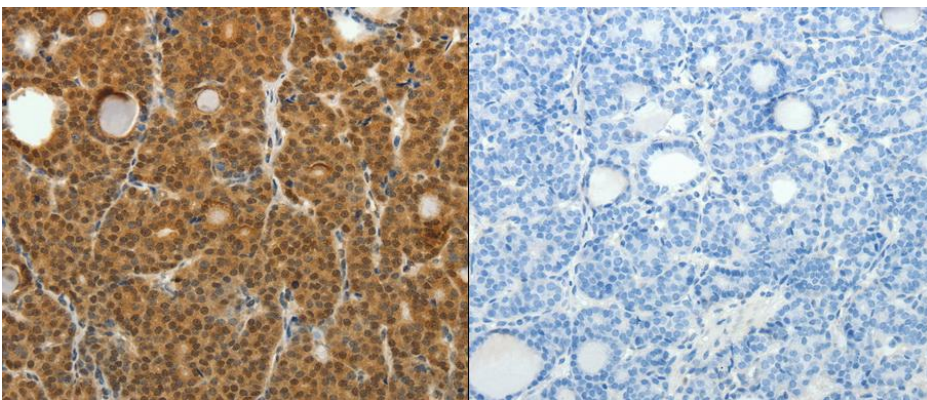
Druggable Genome

Protein Pathways:

Cell cycle, Oocyte meiosis, TGF-beta signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway

Product images:

Predicted band size: 19kDa. Positive control: HeLa cell lysate. Recommended dilution: 1/500-2000. (Gel: 12%SDS-PAGE Lysate:40 ug Primary antibody: 1/400 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/8000 dilution Exposure time: 20 seconds)



Predicted cell location: Cytoplasm, Nucleus. Positive control: Human thyroid cancer tissue. Recommended dilution: 1/25-100 The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using SKP1 antibody at dilution 1/25, on the right is treated with the fusion protein. (Original magnification:x200)