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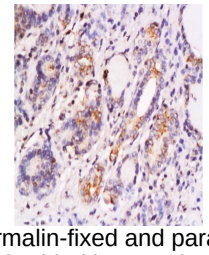
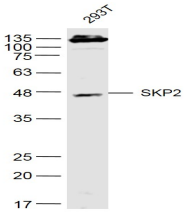
Product Datasheet

SKP2 Polyclonal Antibody
GRP349

Description	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Recognizes target proteins ORC1, CDT1, RBL2, KMT2A/MLL1, CDK9, RAG2, FOXO1, UBP43, and probably MYC, TOB1 and TAL1. Degradation of TAL1 also requires STUB1. Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2. Promotes ubiquitination and destruction of CDH1 in a CK1-Dependent Manner, thereby regulating cell migration.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human Skp2 (public_immunogen_range: 383-424/424)
Form/Appearance	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Concentration	1ug/ul
Storage	Store at -20°C for 12 months.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by Protein A.
Uniprot ID	**Q13309**
Entrez	**6502**
Dilution Range	WB: 1:300-1000, IHC-P: 1:200-400



Formalin-fixed and paraffin embedded human thyroid carcinoma labeled with Anti-SKP2/skp2 p45 Polyclonal Antibody, Unconjugated (GRP349) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



293T lysates probed with SKP2 Polyclonal Antibody, Unconjugated (GRP349) at 1:500 dilution and 4?C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37?C.