

Skp2 p45 Polyclonal Antibody
Catalog # AP72494

Specification

Skp2 p45 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q13309
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Skp2 p45 Polyclonal Antibody - Additional Information

Gene ID 6502

Other Names

SKP2; FBXL1; S-phase kinase-associated protein 2; Cyclin-A/CDK2-associated protein p45; F-box protein Skp2; F-box/LRR-repeat protein 1; p45skp2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IHC-P ~ ~ N/A

IF ~ 1:50 ~ 200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Skp2 p45 Polyclonal Antibody - Protein Information

Name SKP2

Synonyms FBXL1

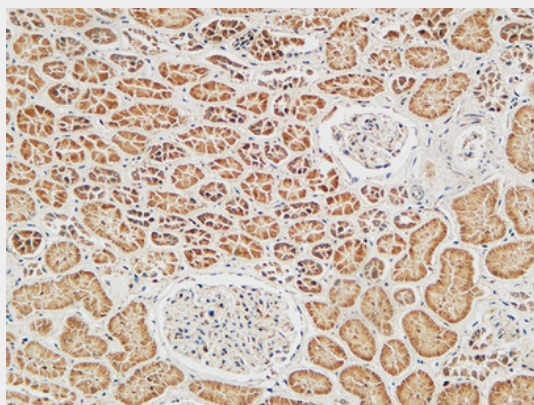
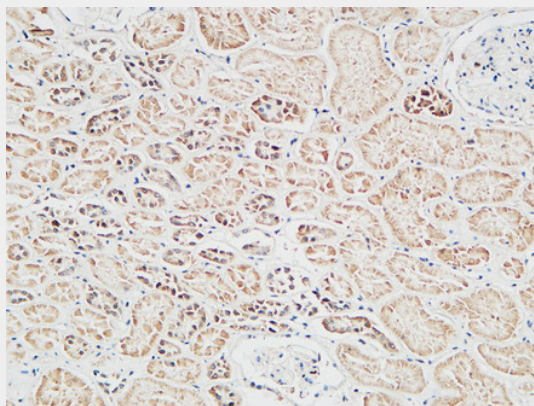
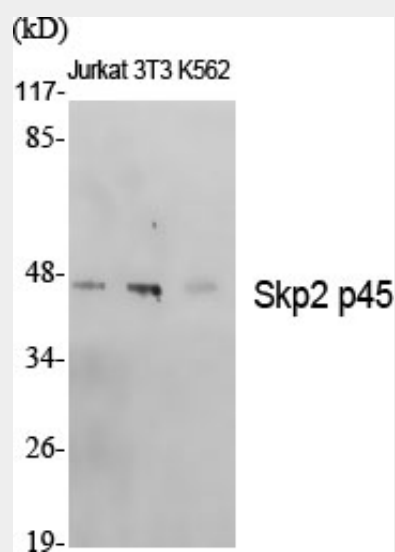
Function

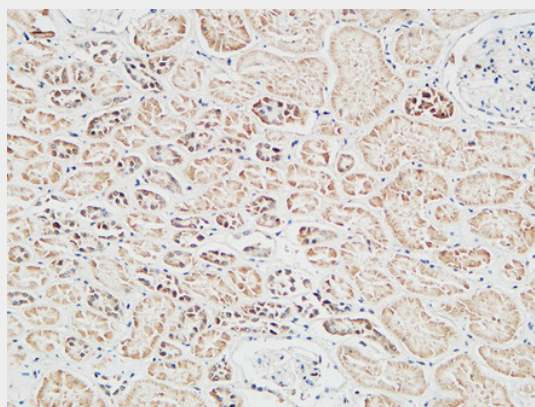
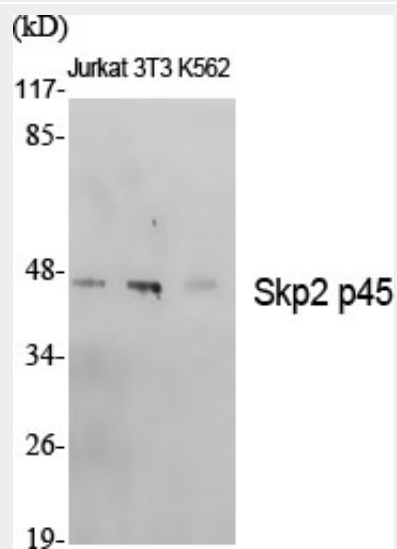
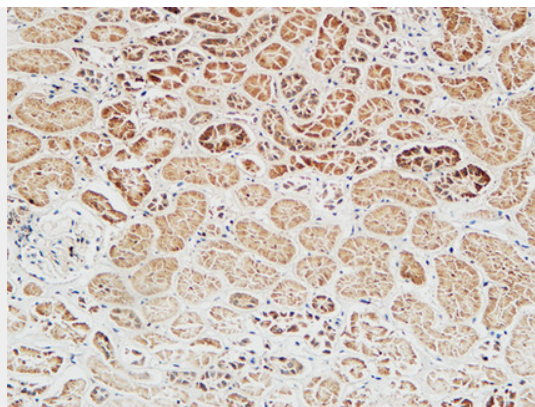
Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription (PubMed:[9736735](http://www.uniprot.org/citations/9736735), PubMed:[11931757](http://www.uniprot.org/citations/11931757), PubMed:[12435635](http://www.uniprot.org/citations/12435635), PubMed:[12769844](http://www.uniprot.org/citations/12769844), PubMed:[12840033](http://www.uniprot.org/citations/12840033), PubMed:[15342634](http://www.uniprot.org/citations/15342634), PubMed:[15668399](http://www.uniprot.org/citations/15668399), PubMed:

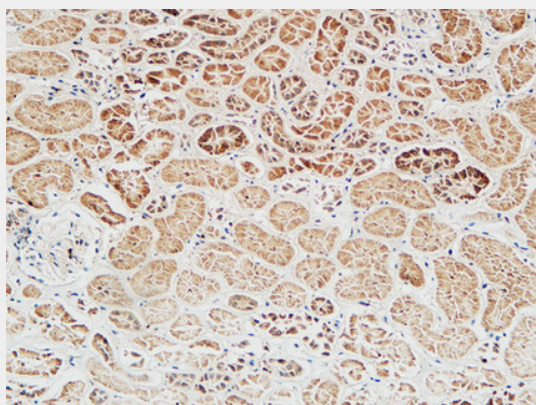
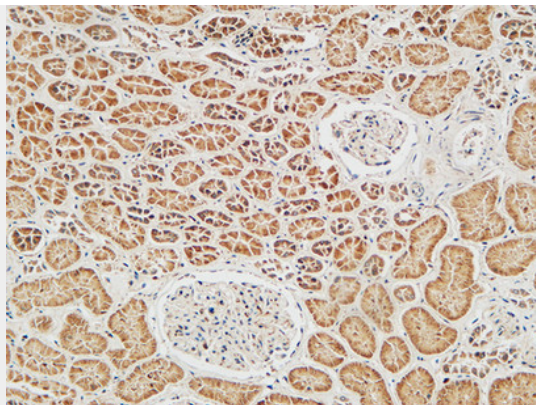
Cellular Location
Cytoplasm. Nucleus

Provided below are standard protocols that you may find useful for product applications.

- ### Skp2 p45 Polyclonal Antibody - Images







Skp2 p45 Polyclonal Antibody - Background

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.