

Skp2 (Phospho Ser64) Rabbit pAb

CatalogNo: YP1496

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 47kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized phospho peptide around human Skp2 (Ser64)

Specificity This antibody detects endogenous levels of Human Skp2 (phospho-Ser64)

Target Information

Gene name SKP2 FBXL1

Protein Name Skp2 (Ser64)

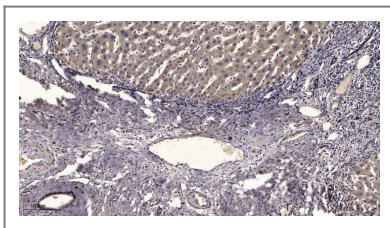
Organism	Gene ID	UniProt ID
Human	6502 ;	Q13309 ;
Mouse	27401 ;	Q9Z0Z3 ;

Cellular Localization Cytoplasm . Nucleus .

Tissue specificity Epithelium ,Liver ,Placenta ,Prostatic carcinoma ,

Function 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. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Recognizes target proteins ORC1L , CDT1 , RBL2 , MLL , CDK9 , RAG2 , FOXO1A , UBP43 , and probably MYC , TOB1 and TAL1. Degradation of TAL1 also requires STUB1. Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2. ,pathway:Protein modification; protein ubiquitination. ,similarity:Contains 1 F-box domain. ,similarity:Contains 8 LRR (leucine-rich) repeats. ,subunit:Part of the SCF (SKP2) complex consisting of CUL1 , RBX1 , SKP1 and SKP2. Interacts directly with CUL1 and SKP1. Interacts with CKS1. Interacts with the cyclin A-CDK2 complex. Interacts with ORC1L , phosphorylated CDT1 , phosphorylated RBL2 , ELF4 , phosphorylated RAG2 , FOXO1A , UBP43 , MYC , TOB1 , TAL1 and MLL. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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