

Anti-SKP2 Antibody [PSH06-22]

HA722654



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Monkey
Applications:	WB
Molecular Wt:	Predicted band size: 48 kDa
Clone number:	PSH06-22

Description: S-phase kinase-associated protein 2 is an enzyme that in humans is encoded by the SKP2 gene. Skp2 contains 424 residues in total with the ~40 amino acid F-box domain lying closer to the N-terminal region at the 94-140 position and the C-terminal region forming a concave surface consisting of ten leucine-rich repeats (LRRs). The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which often—but not always—recognize substrates in a phosphorylation-dependent manner. In this SCF complex, Skp2 acts as the substrate recognition factor.

Immunogen: Synthetic peptide within human SKP2 aa 375-424.

Positive control: MDA-MB-231 cell lysate, 293T cell lysate, MDA-MB-468 cell lysate, HepG2 cell lysate, SK-OV-3 cell lysate, SH-SY5Y cell lysate, COS-1 cell lysate.

Subcellular location: Cytoplasm, Nucleus.

Database links: SwissProt: Q13309 Human | Q9Z0Z3 Mouse
Entrez Gene: 294790 Rat

Recommended Dilutions:

WB 1:1,000

Storage Buffer: PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

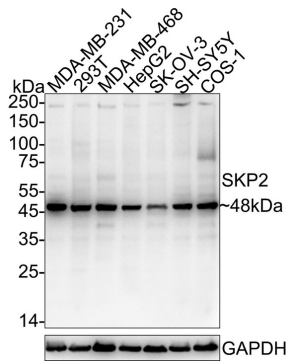
Service mail:support@huabio.cn

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Images

Fig1: Western blot analysis of SKP2 on different lysates with Rabbit anti-SKP2 antibody (HA722654) at 1/1,000 dilution.

Lane 1: MDA-MB-231 cell lysate
 Lane 2: 293T cell lysate
 Lane 3: MDA-MB-468 cell lysate
 Lane 4: HepG2 cell lysate
 Lane 5: SK-OV-3 cell lysate
 Lane 6: SH-SY5Y cell lysate
 Lane 7: COS-1 cell lysate



Lysates/proteins at 30 µg/Lane.

Predicted band size: 48 kDa

Observed band size: 48 kDa

Exposure time: 20 seconds; ECL: K1802;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA722654) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Wu T et al. Emerging Roles of SKP2 in Cancer Drug Resistance. *Cells*. 2021 May
2. Feng T et al. Skp2: A critical molecule for ubiquitination and its role in cancer. *Life Sci*. 2024 Feb

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