

# Anti-SKP2 Antibody [PSH06-22] - BSA and Azide free

## HA751060



<b>Product Type:</b>	Recombinant Rabbit monoclonal IgG, primary antibodies
<b>Species reactivity:</b>	Human, Monkey
<b>Applications:</b>	WB
<b>Molecular Wt:</b>	Predicted band size: 48 kDa
<b>Clone number:</b>	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:** 1\*PBS (pH7.4).

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

**Purity:** Protein A affinity purified.

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Orders:0086-571-88062880

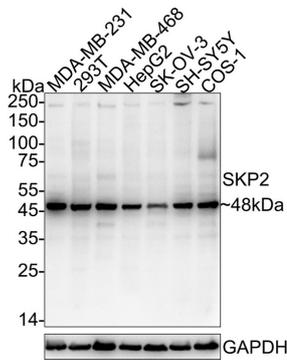
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## Images

**Fig1:** Western blot analysis of SKP2 on different lysates with Rabbit anti-SKP2 antibody (HA751060) 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 (HA751060) 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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