

## [KO Validated] GSK3beta Antibody

**CAB6164**

### Description

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This [KO Validated] GSK3beta Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB6164  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** GSK3B, gsk-3 $\beta$ , GSK3 $\beta$   
**Clone:** -  
**Applications:** **WB** | IF/ICC | IP | **ELISA**  
**Conjugation:** Unconjugated  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 2932  
**Uniprot:** AB\_2863525  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 46kDa  
**Calculated MW:** 47kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

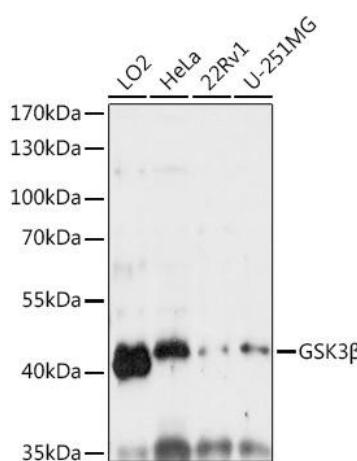
**Positive Sample:** LO2, HeLa, 22Rv1, U-251MG

**Recommended Dilutions:**

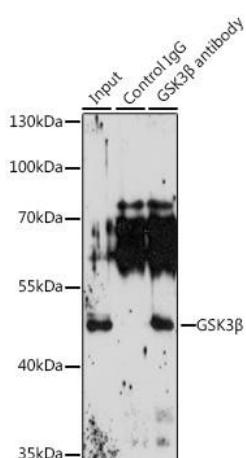
<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200
<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using GSK3β Rabbit pAb (CAB6164) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunoprecipitation analysis of 200 µg extracts of 22Rv1 cells, using 3 µg GSK3 $\beta$  antibody (CAB6164). Western blot was performed from the immunoprecipitate using GSK3 $\beta$  antibody (CAB6164) at a dilution of 1:1000.