

## Insulin Receptor Antibody

**CAB16900**

### Description

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This Insulin Receptor 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:** CAB16900  
**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)  
**Category:** Polyclonal Antibody  
**Synonyms:** HHF5, CD220, Insulin Receptor  
**Clone:** -  
**Applications:** WB IP ELISA  
**Conjugation:** -  
**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3643  
**Uniprot:** AB\_2769983  
**Host Species:** Rabbit  
**Purification:** Affinity purification  
**Observed MW:** 110kDa/220kDa  
**Calculated MW:** 156kDa

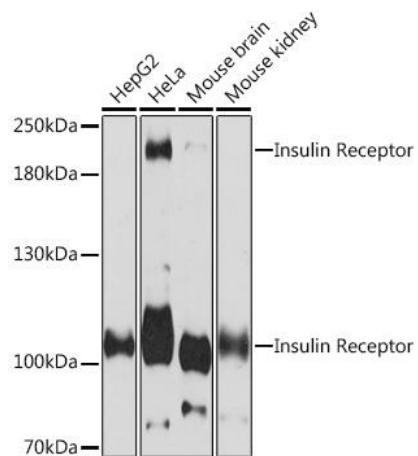
## Preparation & Storage

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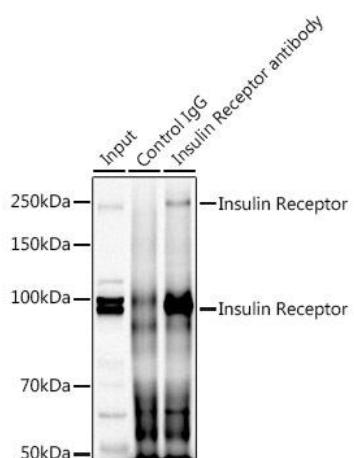
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.						
<b>Positive Sample:</b>	HepG2, HeLa, Mouse brain, Mouse kidney						
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>IP</b></td><td>0.5µg-4µg antibody for 200µg-400µg extracts of whole cells</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:2000	<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.
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<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol						

## Validation Data

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Western blot analysis of various lysates using Insulin Receptor Rabbit pAb (CAB16900) at 1:3000 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 300 µg extracts of HeLa cells using 3 µg Insulin Receptor antibody (CAB16900). Western blot was performed from the immunoprecipitate using Insulin Receptor (CAB16900) at a dilution of 1:1000.