

IRS-1 (Phospho Tyr896) Rabbit pAb (AR20062)

Key Features

| | |
|---------------|------------------|
| Host Species: | Rabbit |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB,IHC |
| Isotype: | IgG |
| MW: | 170kD (Observed) |

Recommended Dilution Ratios

| | |
|------|------------|
| WB: | 1:500-2000 |
| IHC: | 1:50-300 |

Storage

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

Basic Information

| | |
|-----------|------------|
| Clonality | Polyclonal |
|-----------|------------|

Immunogen Information

Specificity

Phospho-IRS-1 (Y896) Polyclonal Antibody detects endogenous levels of IRS-1 protein only when phosphorylated at Y896. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):GEyVN

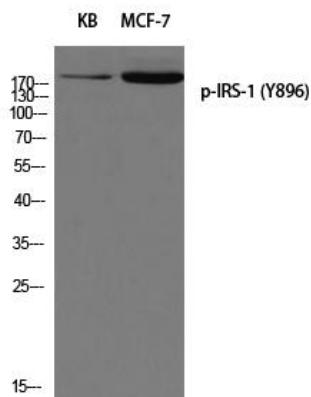
Target Information

| | |
|--------------|------------------------------|
| Gene name | IRS1 |
| Protein Name | Insulin receptor substrate 1 |

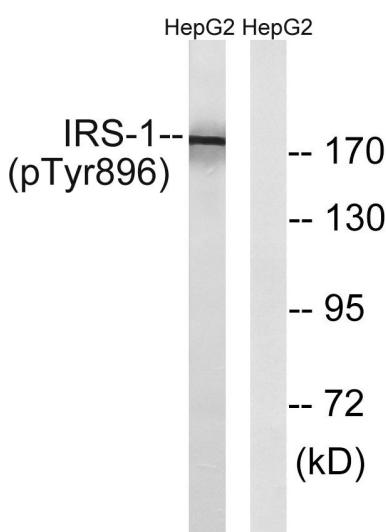
| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human | 3667 | P35568 |
| Mouse | 16367 | P35569 |

| | | | |
|-----------------------|-----|---|--------|
| | Rat | 25467 | P35570 |
| Cellular Localization | | nucleus, cytoplasm, cytosol, plasma membrane, insulin receptor complex, caveola, intracellular membrane-bounded organelle | |
| Tissue specificity | | Epithelium, Eye, Skeletal muscle | |

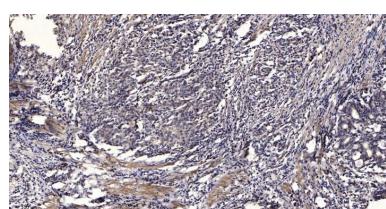
Validation Data



Western blot analysis of KB MCF-7 using p-IRS-1 (Y896) antibody.
Antibody was diluted at 1:500



Western blot analysis of lysates from HepG2 cells treated with Na₃VO₄ 0.3mM 40', using IRS-1 (Phospho-Tyr896) Antibody. The lane on the right is blocked with the phospho peptide



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

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