

Anti-IRS2 Picoband Antibody
Catalog # ABO11915**Specification**

Anti-IRS2 Picoband Antibody - Product Information

Application	WB
Primary Accession	Q9Y4H2
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Insulin receptor substrate 2(IRS2) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-IRS2 Picoband Antibody - Additional Information

Gene ID 8660

Other Names

Insulin receptor substrate 2, IRS-2, IRS2

Calculated MW

137334 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cytoplasm, cytosol .

Protein Name

Insulin receptor substrate 2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen

E.coli-derived human IRS2 recombinant protein (Position: D16-V200). Human IRS2 shares 88% amino acid (aa) sequence identity with mouse IRS2.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Contains 1 IRS-type PTB domain.

Anti-IRS2 Picoband Antibody - Protein Information

Name IRS2

Function

May mediate the control of various cellular processes by insulin.

Cellular Location

Cytoplasm, cytosol.

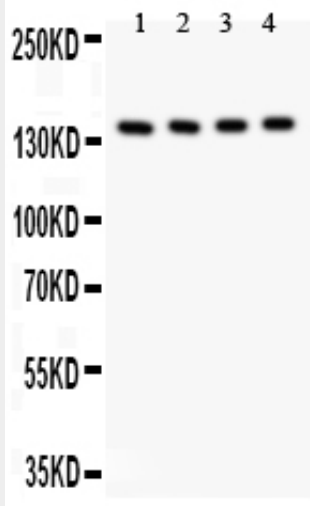
Anti-IRS2 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-IRS2 Picoband Antibody - Images

Anti- IRS2 antibody, ABO11915, Western blotting All lanes: Anti IRS2 (ABO11915) at 0.5ug/ml WB: Recombinant Human IRS2 Protein 0.5ng Predicted bind size: 39KD Observed bind size: 39KD



Anti- IRS2 antibody, ABO11915, Western blottingAll lanes: Anti IRS2 (ABO11915) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: A549 Whole Cell Lysate at 40ugLane 3: MM231 Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 137KDObserved bind size: 137KD

Anti-IRS2 Picoband Antibody - Background

Insulin receptor substrate 2 (IRS2) is a protein that in humans is encoded by the IRS2 gene. It is mapped to 13q34. This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment. IRS2 is expressed in many cells, it may be essential for signaling by several receptor systems.