

# IGF1R/INSR Rabbit pAb

Catalog No.: A18215

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

154kDa/155kDa/156kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

Insulin receptor (INSR) a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Insulin like growth factor 1 receptor (IGF1R) binds insulin-like growth factor with a high affinity. It also has tyrosine kinase activity. The IGF2R plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

3480/3643

### Swiss Prot

P08069/P06213

### Immunogen

### Synonyms

IGF1R/INSR

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.