

# [KD Validated] IGF1R Rabbit pAb

Catalog No.: A0243

7 Publications

## Basic Information

### Observed MW

100kDa/

### Calculated MW

155kDa

### Category

Primary antibody

### Applications

ELISA,WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

## Recommended Dilutions

WB 1:1000 - 1:5000

## Immunogen Information

### Gene ID

3480

### Swiss Prot

P08069

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1201-1367 of human IGF1R (NP\_000866.1).

### Synonyms

IGFR; CD221; IGFIR; JTK13; 1R

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

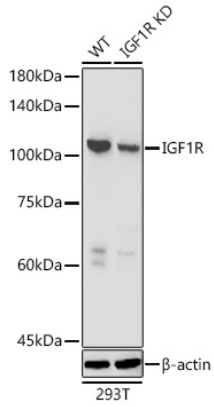
Affinity purification

### Storage

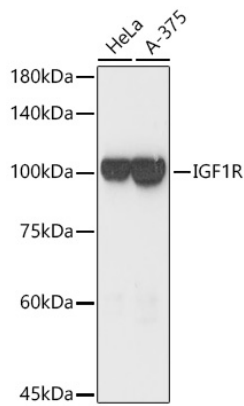
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and IGF1R knockdown (KD) 293T cells using [KD Validated] IGF1R Rabbit pAb (A0243) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Western blot analysis of various lysates using [KD Validated] IGF1R Rabbit pAb (A0243) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.