# antibodies -online.com





# anti-IGF1 antibody (C-Term)



# **Images**



Go to Product page

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| Quantity:            | 400 μL   |
|----------------------|--|
| Target:              | IGF1   |
| Binding Specificity: | AA 115-144, C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS),                           |
|                      | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))                                      |
| Product Details      |  |
| Immunogen:           | This IGF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic           |
|                      | peptide between 115-144 amino acids from the C-terminal region of human IGF1.                    |
| Clone:               | RB33711  |
| Isotype:             | Ig Fraction  |
| Purification:        | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| T                    |  |
| Target Details       |  |
| Target:              | IGF1   |
| Alternative Name:    | IGF1 (IGF1 Products)   |
|                      |  |

of a family of proteins involved in mediating growth and development. The encoded protein is

# Target Details

| different isoforms have been found for this gene.  |
|--|
| are a cause of insulin-like growth factor I deficiency. Several transcript variants encoding |
| processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene |

### Gene ID: 3479

## NCBI Accession: NP\_000609, NP\_001104754, NP\_001104755

# Pathways: RTK Signaling, Intracellular Steroid Hormone Receptor Signaling Pathway, Peptide Hormone

Metabolism, Hormone Activity, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, Stem Cell Maintenance, Glycosaminoglycan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Autophagy, Smooth Muscle Cell Migration, Activated T Cell Proliferation,

Positive Regulation of fat Cell Differentiation

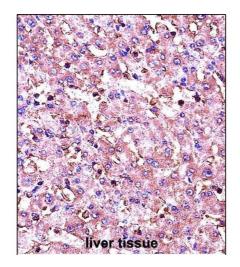
# **Application Details**

| Application Notes: | IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. IHC-P: 1:10~50. FC: 1:10~50 |
|--------------------|--|
|                    |  |

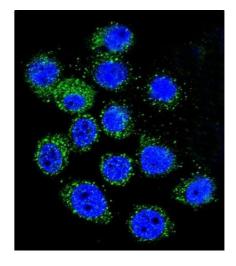
Restrictions: For Research Use only

# Handling

| Format:            | Liquid   |  |
|--------------------|--|--|
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   |  |
| Preservative:      | Sodium azide   |  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |  |
| Storage:           | 4 °C,-20 °C  |  |
| Storage Comment:   | IGF1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.   |  |
| Expiry Date:       | 6 months   |  |



# A549 55 36 28 17 -◀



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** IGF1 Antibody (C-term) (ABIN658020 and ABIN2837861) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IGF1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **Western Blotting**

**Image 2.** IGF1 Antibody (C-term) (ABIN658020 and ABIN2837861) western blot analysis in A549 cell line lysates (35  $\mu$ g/lane). This demonstrates the IGF1 antibody detected the IGF1 protein (arrow).

#### **Immunofluorescence**

**Image 3.** Confocal immunofluorescent analysis of IGF1 Antibody (C-term) (ABIN658020 and ABIN2837861) with A549 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green).DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 5 images are available for ABIN658020.