

## Product Datasheet

# IGF2 Antibody

Catalog No: CY6581

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB ICC/IF



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### Information

**UniProt ID:** P01344

**All Names:** C11orf43; IGF 2; IGF II; IGF2; INSIGF; insulin like growth factor 2 (somatomedin A); pp9974; Somatomedin A;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 20 kDa

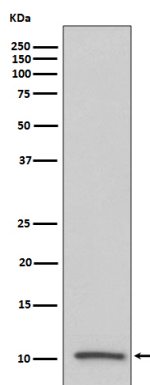
### Application

WB 1:500~1:2000

ICC/IF 1:50~1:100

### Background

The insulin-like growth factors possess growth-promoting activity. In vitro, they are potent mitogens for cultured cells. IGF-II is influenced by placental lactogen and may play a role in fetal development.;Preptin undergoes glucose-mediated co-secretion with insulin, and acts as physiological amplifier of glucose-mediated insulin secretion. Exhibits osteogenic properties by increasing osteoblast mitogenic activity through phosphoactivation of MAPK1 and MAPK3.



Western blot analysis of IGF2 expression in Human serum lysate.

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