

IGF1 Rabbit pAb

Catalog No.: A24744

Basic Information

Observed MW

20kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

3479

Swiss Prot

P05019

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 65-165 of human IGF1 (NP_000609.1).

Synonyms

IGF; MGF; IGFI; IGF-I; IGF1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

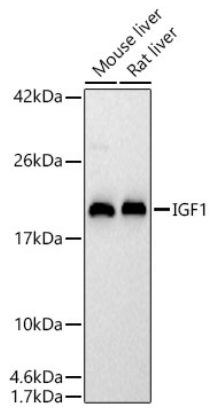
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using IGF1 Rabbit pAb (A24744) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.