

IGF1 Rabbit pAb

Catalog No.: A0303

Basic Information

Catalog No.

A0303

Observed MW

18kDa

Calculated MW

15kDa/17kDa/21kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
3479	P05019

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 90 to the C-terminus of human IGF1 (NP_000609.1).

Synonyms

IGF1;IGF-I;IGFI;MGF

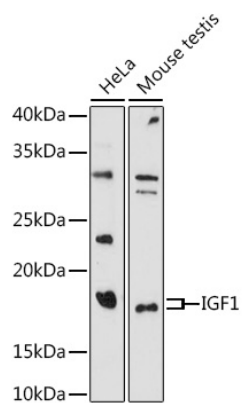
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using IGF1 Rabbit pAb (A0303) at 1:1000 dilution.

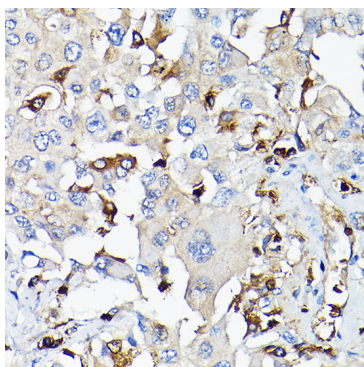
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human lung cancer using IGF1 Rabbit pAb (A0303) at dilution of 1:100 (40x lens).