

IGF1 Rabbit Polyclonal Antibody

Catalog No: #53294



Package Size: #53294-1 50ul #53294-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

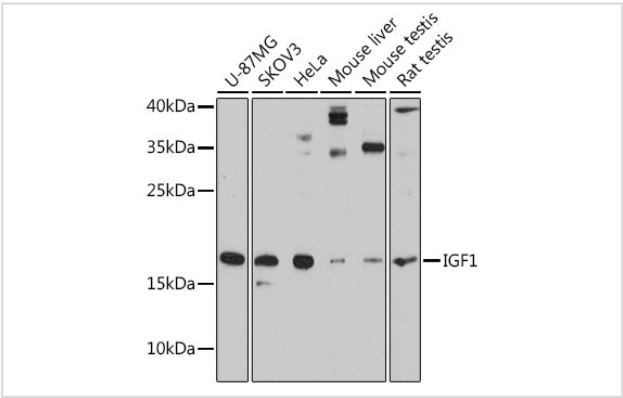
Description

Product Name	IGF1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthetic peptide of human IGF1 (NP_000609.1).
Conjugates	Unconjugated
Other Names	IGF1;IGF-I;IGFI;MGF
Accession No.	Swiss Prot:P05019GenelD:3479
Calculated MW	15kDa/17kDa/21kDa
SDS-PAGE MW	18kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

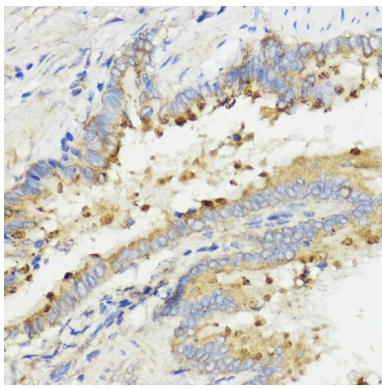
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:100IF 1:50 - 1:100

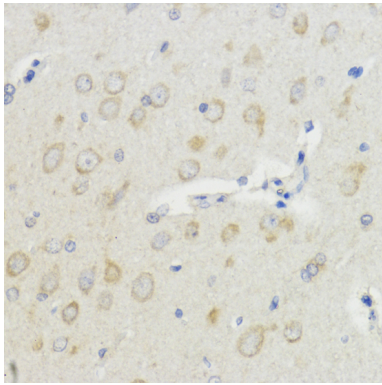
Images



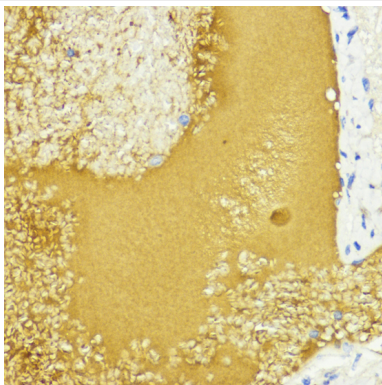
Western blot analysis of extracts of various cell lines, using IGF1 at 1:3000 dilution.



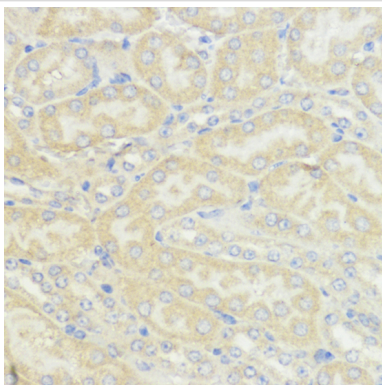
Immunohistochemistry of paraffin-embedded rat lung using IGF1 at dilution of 1:100 (40x lens).



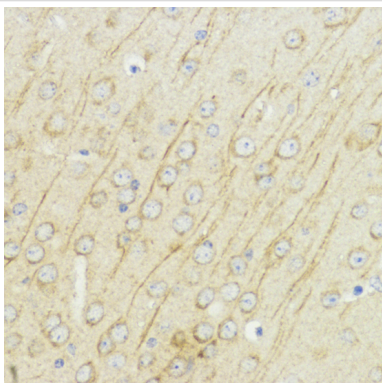
Immunohistochemistry of paraffin-embedded rat brain using IGF1 at dilution of 1:100 (40x lens).



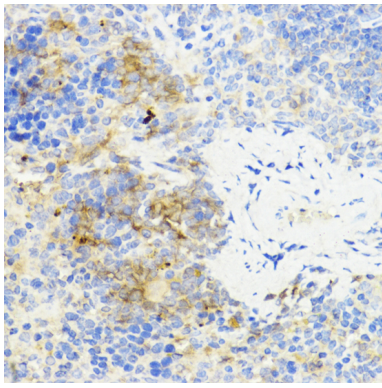
Immunohistochemistry of paraffin-embedded mouse liver using IGF1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using IGF1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using IGF1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using IGF1 at dilution of 1:100 (40x lens).

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.

Published Papers

el at., Optimizing zinc-HisTag coordination remote loading of proteins in PLGA microspheres. In Int J Pharm on 2022 Jul 25 by Jason Albert, Steven P SchwendemanO

et al..PMID:35671852, , (2022)

[PMID:35671852](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.