

## IGF1 antibody

## Cat. No. GTX100521

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Armadillo

References ( 3 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 22 kDa. ([Note](#))

## Properties

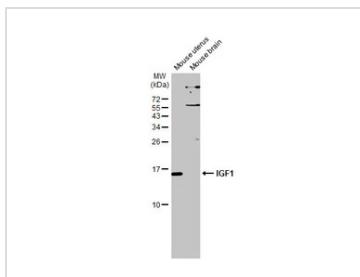
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.56 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human IGF1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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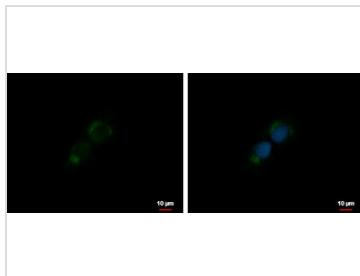
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## DATA IMAGES



## GTX100521 WB Image

Various tissue extracts (50 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with IGF1 antibody (GTX100521) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX100521 ICC/IF Image

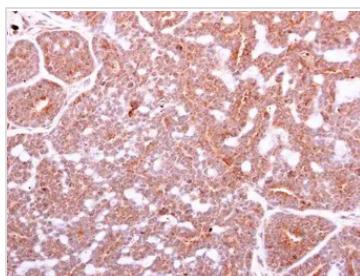
IGF1 antibody detects IGF1 protein at Golgi apparatus membrane by immunofluorescent analysis.

Sample: SKNSH cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: IGF1 protein stained by IGF1 antibody (GTX100521) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



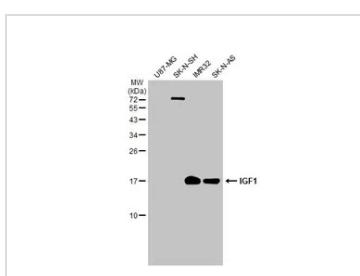
## GTX100521 IHC-P Image

IGF1 antibody detects IGF1 protein at cytoplasm on human breast carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

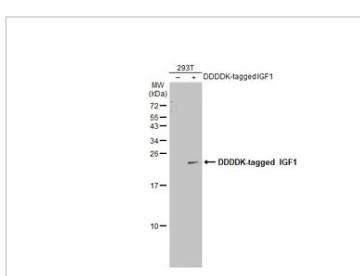
IGF1 antibody (GTX100521) diluted at 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



## GTX100521 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with IGF1 antibody (GTX100521) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX100521 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with IGF1 antibody (GTX100521) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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