Rabbit anti-Human; Mouse IGF-1 Polyclonal Antibody | anti-IGF-1 antibody

IGF-1 Antibody: FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA253828	**Rabbit**	**Human; Mouse**	**Immunofluorescence, Immunocytochemistry, Western Blot**

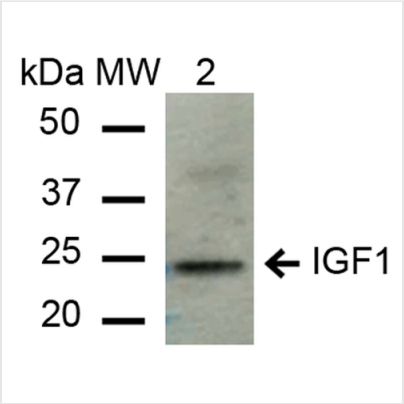
PRODUCT SYNONYMS

IGF-1; Polyclonal Antibody; IGF-1 Antibody: FITC; Rabbit Anti-Human IGF-1 Polyclonal; Insulin-like growth factor 1 Antibody; Igf1 Antibody; IGF-I Antibody; Insulin like growth factor 1 (somatomedin C) Antibody; IGF1_HUMAN Antibody; Somatomedin-C Antibody; MGF Antibody; OTTHUMP00000195083 Antibody; Somatomedia C Antibody; Mechano growth factor Antibody; Insulin like growth factor 1 Antibody; Insulin like growth factor IA Antibody; IGF IB Antibody; IBP1 Antibody; IGF1 Antibody; Insulin-like growth factor I Antibody; IGF IA Antibody; Somatomedin C Antibody; IGF1A Antibody; IGFI Antibody; IGFIA Antibody; IGF I Antibody; Insulin like growth factor IB Antibody; IGF 1 Antibody; anti-IGF-1 antibody

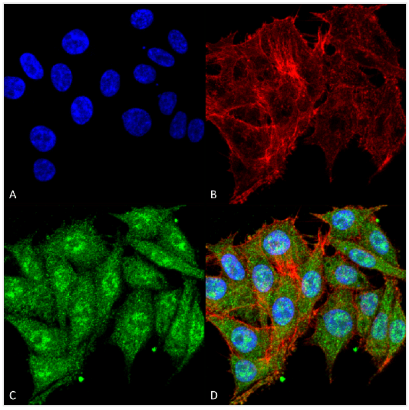
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Mouse
Clonality	Polyclonal
Specificity	Detects ~25 kDa.
Purity/Purification	Peptide Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	153
Applicable Applications for anti-IGF-1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Target	IGF-1
Immunogen	Synthetic peptide from the mid-protein of Human IGF-1
Immunogen Species	Human
Cellular Localization	Secreted
Conjugate	FITC
Storage Buffer	PBS, 50% glycerol, 0.09% sodium azide
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)
Western blot analysis of Mouse Liver cell lysates showing detection of ~21.8 kDa IGF-1 protein using Rabbit Anti-IGF-1 Polyclonal Antibody (SPC-699). Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Liver cell lysates. Load: 15 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-IGF-1 Polyclonal Antibody (SPC-699) at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~21.8 kDa.



ICC (Immunocytochemistry)
Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-IGF-1 Polyclonal Antibody (SPC-699). Tissue: Colon carcinoma cell line (RKO). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-IGF-1 Polyclonal Antibody (SPC-699) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasm. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) IGF-1 Antibody. (D) Composite.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IGF-1 antibody	Antibodies; Cell Signaling; Growth Factors; Insulin and Insulin-like; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	11024682
NCBI GeneID	3479
NCBI Accession #	NP_000609.1
NCBI GenBank Nucleotide #	NM_000618.4
UniProt Accession #	P05019; P01343; Q14620; B2RWM7; E9PD02
Molecular Weight	17,762 Da
NCBI Official Full Name	insulin-like growth factor I isoform 4 preproprotein
NCBI Official Synonym Full Names	insulin like growth factor 1
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	MGF; IGFI; IGF-I
NCBI Protein Information	insulin-like growth factor I
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	**IGF1**
UniProt Synonym Gene Names	IBP1; IGF-I; MGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/igf-1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/253828