

Rabbit anti-Human IGF2 Polyclonal Antibody | anti-IGF2 antibody

IGF2 Rabbit pAb

CATALOG # AAA283241	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

IGF2; Polyclonal Antibody; IGF2 Rabbit pAb; C11orf43; GRDF; IGF-II; PP9974; insulin like growth factor 2; anti-IGF2 antibody

PRODUCT SPECIFICATIONS

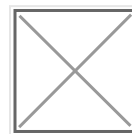
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	CCFRSCDLAL LETYCATPAK SERDVSTPPT VLPDNFPRYP VGKFFQYDTW KQSTQRLRRG LPALLRARRG HVLAKELEAF REAKRHRPLI ALPTQDPAHG GAPPEMASNR K
Applicable Applications for anti-IGF2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 70-180 of human IGF2 (P01344).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



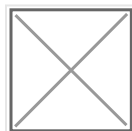
IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using IGF2 Rabbit pAb (AAA283241) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



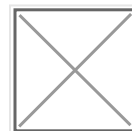
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using IGF2 Rabbit pAb (AAA283241) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using IGF2 Rabbit pAb (AAA283241) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using IGF2 Rabbit pAb (AAA283241) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF2 antibody	This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-IGF2 antibody	Cancer; Signal Transduction; Cell Biology & Developmental Biology; Growth factor; Insulin and insulin-like; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	124255
NCBI GeneID	3481
UniProt Accession #	P01344; P78449; Q14299; Q1WM26; Q9UC68; Q9UC69; B3KX48; B7WP08; C9JAF2; E3UN45
Molecular Weight	Calculated MW: 20kDa/26kDa
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	IGF2
UniProt Synonym Gene Names	IGF-II
UniProt Entry Name	IGF2_HUMAN

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://stage.aaabiotech.com/polyclonal/igf2-antibody-immunocytochemistry-immunofluorescence-elisa/283241>