

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

IGF2 Antibody (Center R54)

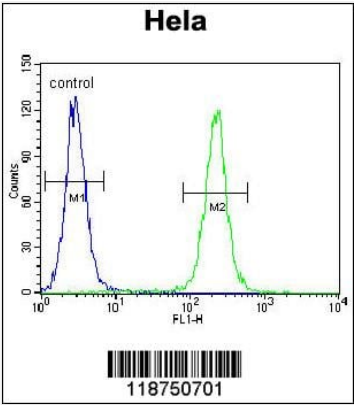
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289663	Rabbit	Human, mouse	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

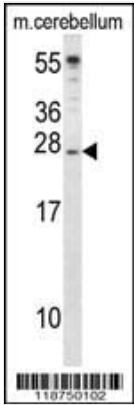
IGF2; Polyclonal Antibody; IGF2 Antibody (Center R54); Insulin-like growth factor II; IGF-II; Somatomedin-A; Insulin-like growth factor II Ala-25 Del; Preptin; anti-IGF2 antibody

PRODUCT SPECIFICATIONS

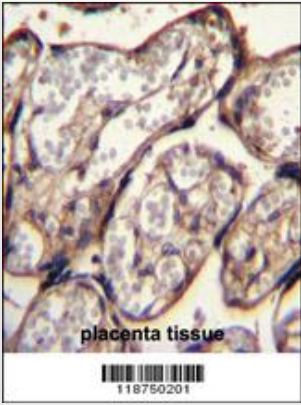
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IGF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-68 amino acids from the Central region of human IGF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	39-68
Sequence Length	236
Applicable Applications for anti-IGF2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



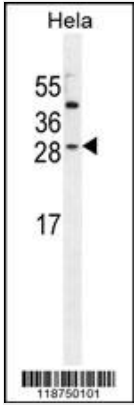
FCM/FACS (Flow Cytometry)
IGF2 Antibody (Center R54) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
IGF2 Antibody (Center R54) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the IGF2 antibody detected the IGF2 protein (arrow).



IHC (Immunohiostchemistry)
IGF2 Antibody (Center R54) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IGF2 Antibody (Center R54) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IGF2 Antibody (Center R54) western blot analysis in HeLa cell line lysates (35ug/lane).This demonstrates the IGF2 antibody detected the IGF2 protein (arrow).

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; Developmental biology; Signal transduction
References	Adkins, R.M., et al. Pediatr. Res. 68(5):429-434(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) : Li, J., et al. Mol. Biol. Rep. (2010) In press : Hsieh, Y.Y., et al. Anticancer Res. 30(6):2203-2208(2010) Turan, N., et al. PLoS Genet. 6 (7), E1001033 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504609
NCBI GeneID	3481
NCBI Accession #	NP_000603.1; NP_001007140.2; NP_001121070.1
NCBI GenBank Nucleotide #	NM_000612.5
UniProt Accession #	P01344; P78449; Q14299; Q1WM26; Q9UC68; Q9UC69; B3KX48; B7WP08; C9JAF2; E3UN45
Molecular Weight	20140
NCBI Official Full Name	insulin-like growth factor II isoform 1 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	IGF2
NCBI Official Synonym Symbols	IGF-II; PP9974; C11orf43
NCBI Protein Information	insulin-like growth factor II
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-immunohistochemistry-western-blot-flow-cytometry-elisa/289663>