

Rabbit anti-Mouse Igf2r Polyclonal Antibody | anti-Igf2r antibody

Anti-Igf2r Antibody, Rabbit Polyclonal

CATALOG # AAA255143	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

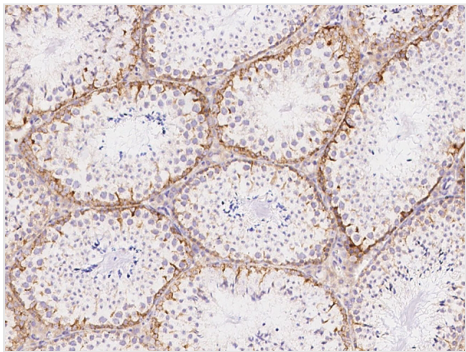
PRODUCT SYNONYMS

Igf2r; Polyclonal Antibody; Anti-Igf2r Antibody; Rabbit Polyclonal; Igf2r Antibody; Rabbit PAb; Antigen Affinity Purified; insulin like growth factor 2 receptor; anti-Igf2r antibody

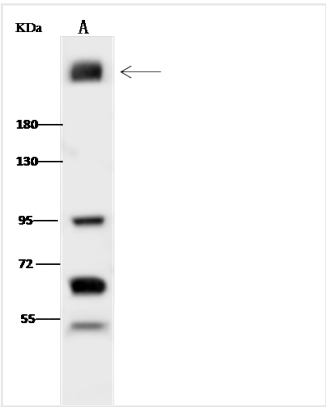
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Igf2r
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Igf2r antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse Igf2r
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse Igf2r, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of mouse IGF2R in mouse testis with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-IGF2R rabbit polyclonal antibody at 1:500 dilutionLane A: HepG2 Whole Cell LysateLysates/proteins at 30 ug per laneSecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:274 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-Igf2r antibody	Among IGFs, insulinlike growth factor 2 (IGF2) is a key regulator of cell growth, survival, migration and differentiation. The type 2 IGF receptor (IGF2R) modulates circulating and tissue levels of IGF2 by targeting it to lysosomes for degradation. The extracytoplasmic region of IGF2R has three binding sites: one for IGF2 in domain 11 and two for Man-6-P in domains 3, 5 and 9. Binding between IGF2 and IGF2R induces the lysosomal degradation of IGF2. IGF2R serves to clear IGF2 from the circulation or degrade excess circulating IGF2. Soluble IGF2R can affect the size of some organs exclusively by reducing the biological activity of IGF2.
References	Bella P, et al. (2020) Blockade of igf2r improves muscle regeneration and ameliorates duchenne muscular dystrophy. EMBO Mol Med 12 (1): e11019.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133778978
NCBI GeneID	16004
NCBI Accession #	NP_034645.2
NCBI GenBank Nucleotide #	NM_010515.2
UniProt Accession #	Q07113; Q61822; Q6LED1
Molecular Weight	273,815 Da
NCBI Official Full Name	cation-independent mannose-6-phosphate receptor
NCBI Official Synonym Full Names	insulin-like growth factor 2 receptor
NCBI Official Symbol	Igf2r
NCBI Official Synonym Symbols	CD222; CI-MPR; Mpr300; AI661837; M6P/IGF2R
NCBI Protein Information	cation-independent mannose-6-phosphate receptor; M6PR; MPR 300; IGF-II/CI-MPR; IGF-II receptor; M6P/IGF2 receptor; CI Man-6-P receptor; cation-independent MPR; 300 kDa mannose 6-phosphate receptor; insulin-like growth factor II receptor; cation-independen
UniProt Protein Name	Cation-independent mannose-6-phosphate receptor
UniProt Gene Name	Igf2r
UniProt Synonym Gene Names	CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; IGF-II receptor; M6P/IGF2R

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/igf2r-antibody-immunohistochemistry-western-blot-elisa/255143>