

**Anti-IGF2 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17733****Specification**

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**Anti-IGF2 Antibody - Product Information**

Application	WB, IHC-P, E, Neut
Primary Accession	<a href="#">P01344</a>
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	20140

**Anti-IGF2 Antibody - Additional Information****Gene ID** 3481

Alias Symbol	IGF2
<b>Other Names</b>	
IGF2, C11orf43, Insulin-like growth factor II, IGF-II, PP9974, Somatomedin-A	

**Target/Specificity**  
Human IGF-II**Reconstitution & Storage**  
Immunoaffinity purified**Precautions**  
Anti-IGF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-IGF2 Antibody - Protein Information****Name** IGF2**Function**  
The insulin-like growth factors possess growth-promoting activity (By similarity). Major fetal growth hormone in mammals. Plays a key role in regulating fetoplacental development. IGF2 is influenced by placental lactogen. Also involved in tissue differentiation. In adults, involved in glucose metabolism in adipose tissue, skeletal muscle and liver (Probable). Acts as a ligand for integrin which is required for IGF2 signaling (PubMed:<a href="http://www.uniprot.org/citations/28873464" target="\_blank">28873464</a>). Positively regulates myogenic transcription factor MYOD1 function by facilitating the recruitment of transcriptional coactivators, thereby controlling muscle terminal differentiation (By similarity). Inhibits myoblast differentiation and modulates metabolism via increasing the mitochondrial respiration rate (By similarity).**Cellular Location**  
Secreted.

**Tissue Location**

Expressed in heart, placenta, lung, liver, muscle, kidney, tongue, limb, eye and pancreas.

**Anti-IGF2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-IGF2 Antibody - Images**