

Anti-IGF2 Antibody

Rabbit Anti Human Polyclonal Antibody Catalog # ALS17733

Specification

Anti-IGF2 Antibody - Product Information

Application WB, IHC-P, E, Neut

Primary Accession P01344 Predicted Human **Rabbit** Host Clonality **Polyclonal**

Isotype IqG Calculated MW 20140

Anti-IGF2 Antibody - Additional Information

Gene ID 3481

Alias Symbol IGF2

Other Names

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

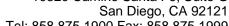
Name IGF2

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:28873464). 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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-IGF2 Antibody - Images