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Anti-IGF2 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17733

Product Information

Application	WB, IHC-P, E, Neut
Primary Accession	P01344
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	20140

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.

Protein Information

Name	IGF2 (HGNC:5466)
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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.