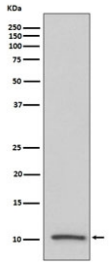
IGF2 Antibody / Insulin-like growth factor II [clone IGE-9] (RQ4968)

Catalog No.	Formulation	Size
RQ4968	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	IGE-9
Purity	Affinity purified
UniProt	P01344
Applications	Western blot: 1:500-1:2000
Limitations	This IGF2 antibody is available for research use only.



Western blot testing of human serum lysate with IGF2 antibody. Circulating IGF2 has an observed molecular weight of 10-18 kDa.

Description

The insulin-like growth factors possess growth-promoting activity. Major fetal growth hormone in mammals. Plays a key role in regulating fetoplacental development. IGF-II is influenced by placental lactogen. Also involved in tissue differentiation. Positively regulates myogenic transcription factor MYOD1 function by facilitating the recruitment of transcriptional coactivators, thereby controlling muscle terminal differentiation [UniProt]

Application Notes

Optimal dilution of the IGF2 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human IGF2 was used as the immunogen for the IGF2 antibody.

Storage

Store the IGF2 antibody at -20oC.

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