Rabbit Anti- IGF-II
(Insulin-like Growth Factor-II)

Catalog Number : orb10887

Quantity size : 0.1ml (dilute with pH 7.4 0.01 M PBS or diluent of antibody)

Background: Insulin-like Growth Factors-I, IGF-I and IGF-II (also designated somatomedin C and multiplication stimulating activator,respectively), share approx. 76% sequence identity and are 50% related to pro-insulin. IGF-I and IGF-II are non-glycosylated, single chain proteins of 70 and 76 amino acids in length, respectively. IGF-I function as an autocrine regulator of growth in various tissues,whereas the function of IGF-II is less well defined.

Specificity :
• anti- IGF-II is a rabbit polyclonal antibody unconjugated
• specific for IGF-II of human, mo, rat
• epitope mapping near the amino terminus of IGF-II human, mo, rat
• use for western blotting, elisa, immunoprecipitation and immunohistochemistry
• Protein G affinity chromatography purification, purity =>95%
• Isotype: IgG
• mol wt: 19.8kDa

Application:
• Western blotting: 1: 200-500
• Immunohistochemistry : 1: 200-500
• ELISA: 1: 500-1000
• Optimal working dilutions must be determined by the end user.

Storage: Store at –20 ºC for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody, the antibody is stable for at least six weeks at 2-4 ºC.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.