Product datasheet Anti-IGFBP1 Antibody Catalog Number: BA1749-2



BOSTER BIOLOGICAL TECHNOLOGY

Special NO.1, International Enterprise Center, 2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn Phone: +86 027-67845390 Fax: +86 027-67845390 Email: boster@boster.com.cn

Basic Information	
Product Name	Anti-IGFBP1 Antibody
Gene Name	IGFBP1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS $_{\odot}$ 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human IGFBP-1(170-190aa KEPCRIELYRVVESLAKAQET).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	30KD
Dilution Ratios	Western blot(WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

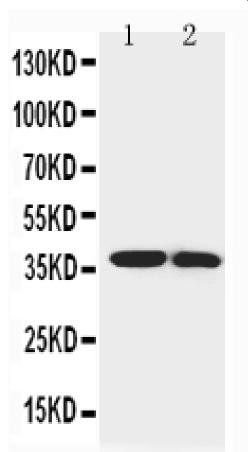
IGFBP1, Insulin-like growth factor-binding protein 1, also known as placental protein 12(PP12), is a protein that in humans is encoded by the IGFBP1 gene. The IGFBP1 gene has 4 exons and spans 5.9 kb. The IGFBP1gene is localized to 7p13-p12 by in situ hybridization. This gene is a member of the Insulin-like growth factor-binding protein(IGFBP) family and encodes a protein with an IGFBP domain and a type-I thyroglobulin domain. The protein binds both insulin-like growth factors(IGFs) I and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Selected Validation Data

BOSTER BIOLOGICAL TECHNOLOGY

Special NO.1, International Enterprise Center, 2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn Phone: +86 027-67845390 Fax: +86 027-67845390 Email: boster@boster.com.cn



Lane 1: SMMC Cell LysateLane 2: MCF-7 Cell Lysate