

IGFBP-3(Phospho-Ser183) polyclonal antibody

Catalog: BS65140

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

insulin like growth factor binding protein 3(IGFBP3) Homo sapiens 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 thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~ 31 kDa

Swiss-Prot:

P17936

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

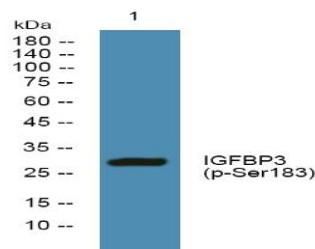
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

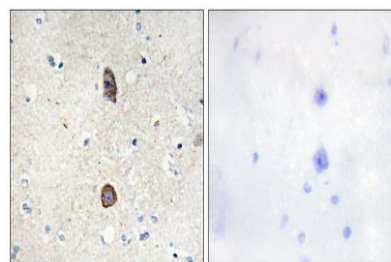
Specificity:

Phospho-IGFBP3 (S183) Polyclonal Antibody detects endogenous levels of IGFBP3 protein only when phosphorylated at S183.

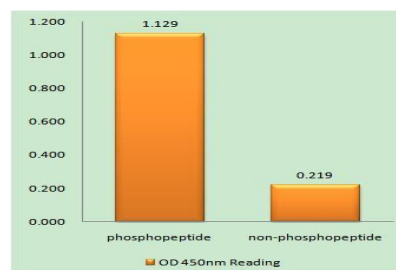
DATA:



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4 °C over night



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immuno-Gen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IGFBP-3 (Phospho-Ser183) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using IGFBP-3 (Phospho-Ser183) Antibody. The picture on the right is blocked with the phospho peptide.

Note:

For research use only, not for use in diagnostic procedure.

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