

IGFBP-3 (Phospho-Ser183) Antibody

Catalog No: #11999

Package Size: #11999-1 50ul #11999-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

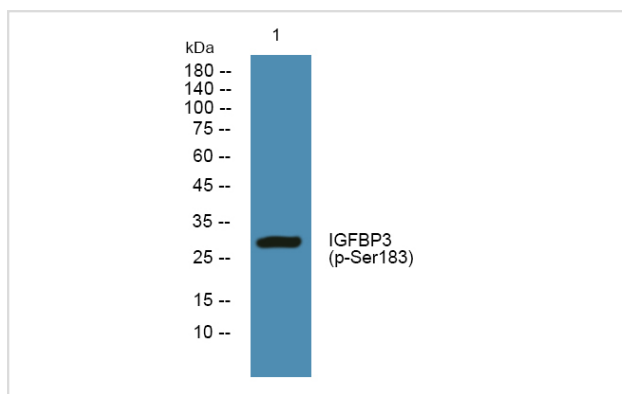
Description

Product Name	IGFBP-3 (Phospho-Ser183) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous level of IGFBP-3 only when phosphorylated at serine 183.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 183(K-D-S(p)-Q-R) derived from Human IGFBP-3 .
Target Name	IGFBP-3
Modification	Phospho
Other Names	IBP-3; IBP3; IGF-binding protein 3; IGFBP3; Insulin-like growth factor binding protein 3 precursor
Accession No.	Swiss-Prot#: P17936; NCBI Gene#: 3486; NCBI Protein#: NP_000589.2
Uniprot	P17936
GeneID	3486;
SDS-PAGE MW	30kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

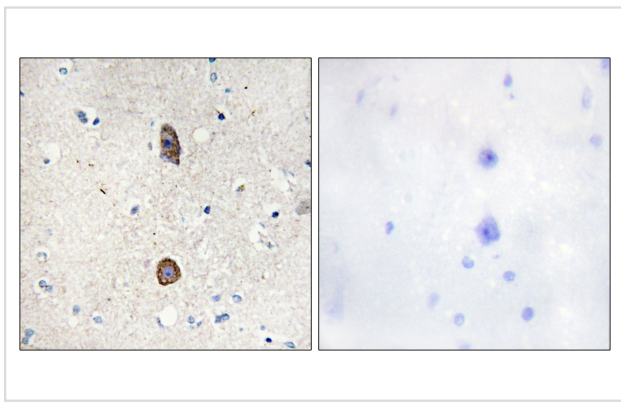
Application Details

Western blotting: 1:500~1:1000

Images



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



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

Background

IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.

Zhang Q, Steinle JJ (2013) Invest Ophthalmol Vis Sci 54, 3052-7 .
Res 66, 10878-84 .

Cobb LJ, Liu B, Lee KW, Cohen P (2006) Cancer

Note: This product is for in vitro research use only