Product Datasheet

IGFBP-3 (Phospho-Ser183) Antibody

Catalog No: #11999

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

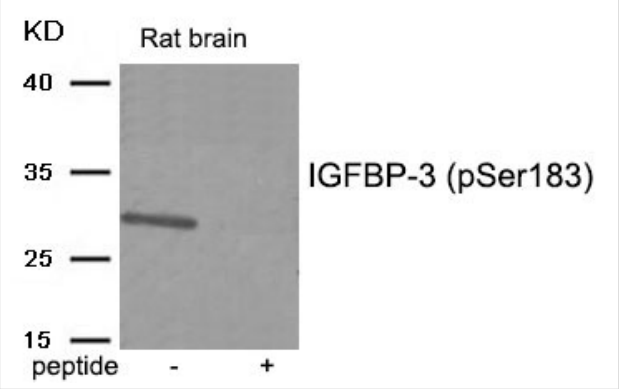
Description

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 chromatogramphy 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
SDS-PAGE MW	30kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), 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 extracts from Rat brain tissue using IGFBP-3 (Phospho-Ser183) antibody #11999.The lane on the right is treated with the antigen-specific 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 . Cobb LJ, Liu B, Lee KW, Cohen P (2006) Cancer Res 66, 10878-84 .

Note: This product is for in vitro research use only and is not intended for use in humans or animals.