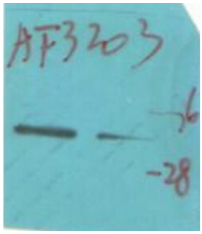
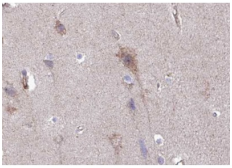
Phospho-IGFBP-3 (Ser183) Ab

Cat.#: AF3203	Concn.: 1mg/ml	Mol.Wt.: 30 kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:1000 IHC 1:50-1:200
Reactivity:	Human,Mouse
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Specificity:	Phospho-IGFBP-3 (Ser183) Ab detects endogenous levels of IGFBP-3 only when phosphorylated at Serine 183.
Immunogen:	A synthesized peptide derived from human IGFBP-3 around the phosphorylation site of Serine 183.
Uniprot:	P17936
Description:	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.
Subcellular Location:	Secreted.
Tissue Specificity:	Expressed by most tissues. Present in plasma.
Similarity:	The thyroglobulin type-1 domain mediates interaction with HN.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of IGFBP-3 phosphorylation expression in whole cell lysates,The lane on the right is treated with the antigen-specific peptide.



AF3203 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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