BT LAB
Bioassay Technology Laboratory
Optimize Your Research

IGFBP3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04389
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IGFBP-3. AA range:151-200
Mol wt	31674
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	IGFBP3 Antibody
Synonyms	IGFBP3; IBP3; Insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; IGFBP-3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

IGFBP3 is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes Insulin-like growth factor-binding protein 3 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.

Recommended Dilution

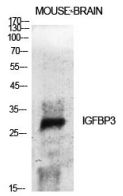
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

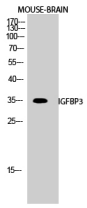
ELISA: 1: 20000

Not yet tested in other applications.

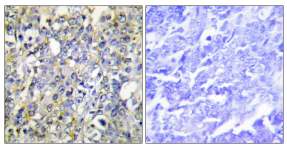
Images



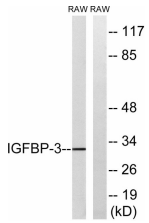
Western Blot analysis of various cells using IGFBP3 Polyclonal Antibody diluted at 1:500 cells nucleus.



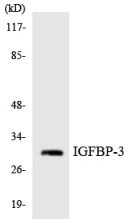
Western Blot analysis of MOUSE-BRAIN cells using IGFBP3 Polyclonal Antibody diluted at 1:500 cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using IGFBP-3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from RAW246.7 cells, using IGFBP-3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using IGFBP-3 antibody.

Storage

-20°C for one year

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