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Datasheet for ABIN652528
anti-IGFBP2 antibody (C-Term)

4 Images

Overview

Quantity:	400 µL
Target:	IGFBP2
Binding Specificity:	AA 277-305, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	This IGFBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-305 amino acids from the C-terminal region of human IGFBP2.
Clone:	RB22493
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pig, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IGFBP2
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Target Details

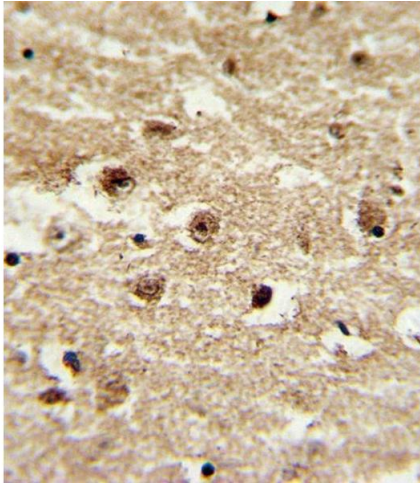
Alternative Name:	IGFBP2 (IGFBP2 Products)
Background:	IGFBP2-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.
Molecular Weight:	34814
Gene ID:	3485
NCBI Accession:	NP_000588
UniProt:	P18065
Pathways:	Myometrial Relaxation and Contraction , Growth Factor Binding , Activated T Cell Proliferation

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

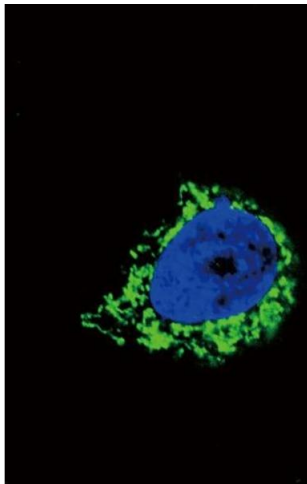
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



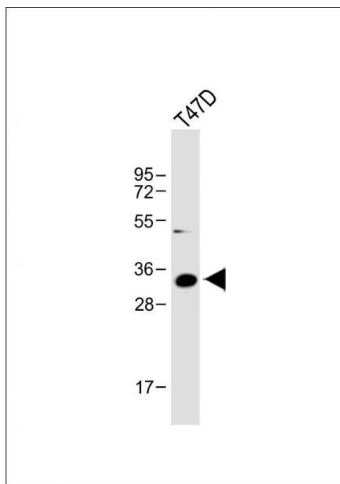
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue with IGFBP2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of IGFBP2 Antibody (C-term) (ABIN652528 and ABIN2842356) with A549 cell followed by Alexa Fluor[®]488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Anti-IGFBP2 Antibody (C-term) at 1:1000 dilution + T47D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652528.