

ARG10675 anti-IGFBP3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IGFBP3
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IGFBP3
Species	Human
Immunogen	Synthetic peptide corresponding to the sequence at a.a 214-252 (RREMEDTLNHLKFLNVLSRPGVHIPNCDKKGFKKKQCR) around the C-terminus of human IGFBP3 protein.
Conjugation	Un-conjugated
Alternate Names	IBP3; BP-53; IGF-binding protein 3; IGFBP-3

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 2 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue sections in 10 mM Citrate buffer (pH 6.0) for 20 min * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat heart, Rat brain, Rat liver, PC-12, U-87 MG, Mouse kidney, Mouse heart and Mouse brain	
Observed Size	~ 40 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	1X PBS, 0.025% Sodium azide and 2.7% BSA
Preservative	0.027% Sodium azide
Stabilizer	2.7% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

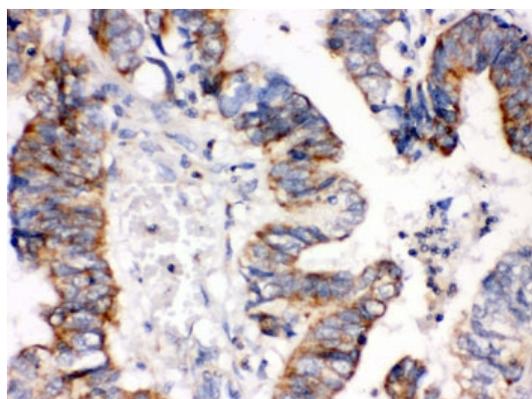
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IGFBP3
Gene Full Name	Insulin Like Growth Factor Binding Protein 3
Background	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. 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. [provided by RefSeq, Jul 2008]
Calculated Mw	32 kDa
PTM	Phosphorylated by FAM20C in the extracellular medium.

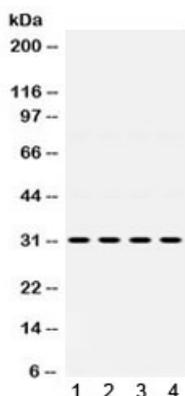
Images



ARG10675 anti-IGFBP3 antibody IHC-P image

Immunohistochemistry: Human intestinal cancer (paraffin-embedded sections) stained with ARG10675 anti-IGFBP3 antibody

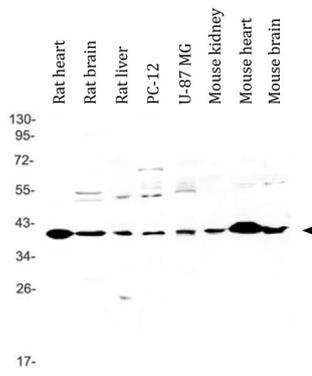
Human intestinal cancer



ARG10675 anti-IGFBP3 antibody WB image

Western blot: 1) rat kidney, 2) rat liver, 3) human SGC, 4) human 22RV1 lysates stained with ARG10675 anti-IGFBP3 antibody

1) rat kidney, 2) rat liver, 3) human SGC, 4) human 22RV1



ARG10675 anti-IGFBP3 antibody WB image

Western blot: Rat heart, Rat brain, Rat liver, PC-12, U-87 MG, Mouse kidney, Mouse heart and Mouse brain lysates stained with ARG10675 anti-IGFBP3 antibody.