

ARG41185 anti-FGFBP1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FGFBP1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FGFBP1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 24-234 of Human FGFBP1 (NP_005121.1).
Conjugation	Un-conjugated
Alternate Names	Fibroblast growth factor-binding protein 1; 17 kDa heparin-binding growth factor-binding protein; FGF-BP; FGF-binding protein 1; HBp17; FGFBP; 17 kDa HBGF-binding protein; FGFBP-1; HBP17; FGF-BP1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549	
Observed Size	30 kDa	

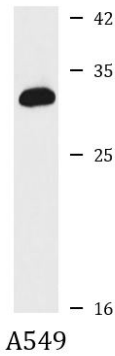
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	FGFBP1
Gene Full Name	fibroblast growth factor binding protein 1
Background	This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]
Function	Acts as a carrier protein that release fibroblast-binding factors (FGFs) from the extracellular matrix (EM) storage and thus enhance the mitogenic activity of FGFs. Enhances FGF2 signaling during tissue repair, angiogenesis and in tumor growth. [UniProt]
Calculated Mw	26 kDa
Cellular Localization	Secreted, extracellular space. Cell membrane; Peripheral membrane protein. Note=Extracellular and plasma membrane-associated. Colocalizes with HSPG2 in the pericellular environment of squamous cell carcinomas. [UniProt]

Images



ARG41185 anti-FGFBP1 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG41185 anti-FGFBP1 antibody at 1:1000 dilution.