

# ARG10676 anti-IGFBP1 antibody

Package: 50 μg Store at: -20°C

# Summary

ested ReactivityMs, Ratested ApplicationWBostRabbitlonalityPolyclonalotypeIgGarget NameIGFBP1obcciesMousenmunogenSynthetic peptide corresponding to the sequence at a.a 177-207 (REIADLKKWKEPCQRELYKVLERLAAAQQKA) around the C-terminus of mouse IGFBP1 protein.onjugationUn-conjugated		
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	Immunogen	
Iternate Names AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1; IGF-binding protein 1; IGFBP-1; Placental protein 12	Conjugation	Un-conjugated
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#### **Application Instructions**

Application table	Application	Dilution
	WB	0.1 - 0.5 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

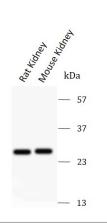
# Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	1X PBS, 0.025% Sodium azide and 2.5% BSA
Preservative	0.025% Sodium azide
Stabilizer	2.5% 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

Database linksGeneID: 16006 MouseGeneID: 25685 RatGeneID: 25685 RatSwiss-port # P21743 RatWiss-port # P21743 RatGene SymbolIgfbp1Gene Full NameInsulin Like Growth Factor Binding Protein 1BackgroundThis 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 binds both insulin-like growth factors (IGFS) 1 and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq, Jul 2008]FunctionGe-binding proteins prolong the half-life of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration. [UniProt]Calculated MwSk DaTMMMosphorylated; probably by casein kinase II. Phosphorylation afters the affinity of the protein for IGFs. n amniotic fluid, the unmodified protein is the most abundant form, while monor, bi-, tri- and pirturaby by proteins prolong by a protein spreading amounts. The phosphorylation state may sinfluence the propensity to proteolysis.		
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#### Images



#### ARG10676 anti-IGFBP1 antibody WB image

Western blot: 1) rat kidney, 2) mouse kidney lysates stained with ARG10676 anti-IGFBP1 antibody at 0.5  $\mu g/mL$  dilution.

1) rat kidney, 2) mouse kidney