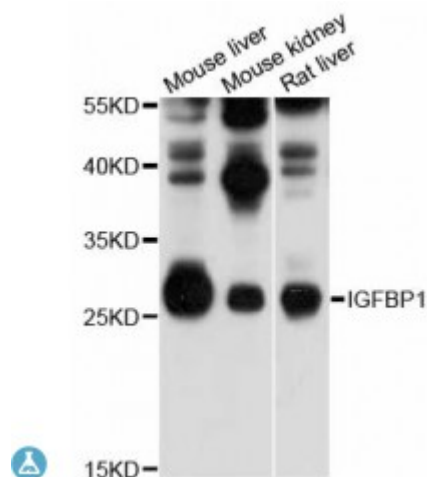


Anti-IGFBP1 Antibody



Description

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 binds both insulin-like growth factors (IGFs) I 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.

Model	STJ113709
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human IGFBP1 (NP_000587.1).
Gene ID	3484
Gene Symbol	IGFBP1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Insulin-like growth factor-binding protein 1 IBP-1 IGF-binding protein 1 IGFBP-1 Placental protein 12 PP12
Molecular Weight	27.904 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:5469 OMIM:146730 Reactome:R-HSA-380994
Alternative Names	Insulin-like growth factor-binding protein 1 IBP-1 IGF-binding protein 1 IGFBP-1 Placental protein 12 PP12
Function	IGF-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, Promotes cell migration,
Cellular Localization	Secreted
Post-translational Modifications	Phosphorylated

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com