

IGFBP2 Rabbit mAb
Catalog # AP77886**Specification**

IGFBP2 Rabbit mAb - Product Information

Application	WB
Primary Accession	P18065
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	34814

IGFBP2 Rabbit mAb - Additional Information**Gene ID** 3485**Other Names**
IGFBP2**Dilution**
WB~~1/500-1/1000**Format**
Liquid**IGFBP2 Rabbit mAb - Protein Information****Name** IGFBP2**Synonyms** BP2, IBP2**Function**

Multifunctional protein that plays a critical role in regulating the availability of IGFs such as IGF1 and IGF2 to their receptors and thereby regulates IGF-mediated cellular processes including proliferation, differentiation, and apoptosis in a cell-type specific manner (PubMed:[18563800](http://www.uniprot.org/citations/18563800)), PubMed:[38796567](http://www.uniprot.org/citations/38796567)). Functions coordinately with receptor protein tyrosine phosphatase beta/PTPRB and the IGF1 receptor to regulate IGF1-mediated signaling by stimulating the phosphorylation of PTEN leading to its inactivation and AKT1 activation (PubMed:[22869525](http://www.uniprot.org/citations/22869525)). Plays a positive role in cell migration via interaction with integrin alpha5/ITGA5 through an RGD motif (PubMed:[16569642](http://www.uniprot.org/citations/16569642)). Additionally, interaction with ITGA5/ITGB1 enhances the adhesion of endothelial progenitor cells to endothelial cells (PubMed:[26076738](http://www.uniprot.org/citations/26076738)). Upon mitochondrial damage, facilitates apoptosis with ITGA5 of podocytes, and then activates the phosphorylation of focal adhesion kinase (FAK)-mediated mitochondrial injury (PubMed:[38796567](http://www.uniprot.org/citations/38796567))

target="_blank">38796567).

Cellular Location
Secreted

IGFBP2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IGFBP2 Rabbit mAb - Images

