

IGFBP2 Rabbit mAb
Catalog # AP75599**Specification**

IGFBP2 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	P18065
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
IHC-P~~N/A
IP~~N/A**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, PubMed: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). Plays a positive role in cell migration via interaction with integrin alpha5/ITGA5 through an RGD motif (PubMed:16569642). Additionally, interaction with ITGA5/ITGB1 enhances the adhesion of endothelial progenitor cells to endothelial cells (PubMed: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).

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

