

Anti-IGFBP3 Antibody (aa130-179)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18048**Specification**

Anti-IGFBP3 Antibody (aa130-179) - Product Information

Application	WB, IHC-P, E
Primary Accession	P17936
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	31674
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

Anti-IGFBP3 Antibody (aa130-179) - Additional Information**Gene ID** 3486**Alias Symbol** IGFBP3**Other Names**

IGFBP3, Binding protein 29, Binding protein 53, BP-53, IGF-binding protein 3, IGFBP-3, IBP-3, IBP3

Target/Specificity

IGFBP-3 antibody detects endogenous levels of IGFBP-3.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-IGFBP3 Antibody (aa130-179) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-IGFBP3 Antibody (aa130-179) - Protein Information**Name** IGFBP3**Synonyms** IBP3**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:10874028, PubMed:19556345). Also exhibits IGF- independent antiproliferative and apoptotic effects mediated by its receptor

TMEM219/IGFBP-3R (PubMed:20353938). Inhibits the positive effect of humanin on insulin sensitivity (PubMed:19623253). Promotes testicular germ cell apoptosis (PubMed:19952275). Acts via LRP-1/alpha2M receptor, also known as TGF-beta type V receptor, to mediate cell growth inhibition independent of IGF1 (PubMed:9252371). Mechanistically, induces serine-specific dephosphorylation of IRS1 or IRS2 upon ligation to its receptor, leading to the inhibitory cascade (PubMed:15371331). In the nucleus, interacts with transcription factors such as retinoid X receptor-alpha/RXRA to regulate transcriptional signaling and apoptosis (PubMed:10874028).

Cellular Location

Secreted. Nucleus

Tissue Location

Expressed by most tissues. Present in plasma.

Anti-IGFBP3 Antibody (aa130-179) - 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](#)

Anti-IGFBP3 Antibody (aa130-179) - Images