

IGFBP3 Polyclonal Antibody
Catalog # AP73701**Specification**

IGFBP3 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P17936
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

IGFBP3 Polyclonal Antibody - Additional Information**Gene ID** 3486**Other Names**

IGFBP3; IBP3; Insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; IGFBP-3

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IGFBP3 Polyclonal Antibody - Protein Information**Name** IGFBP3**Synonyms** IBP3**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. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R. Inhibits the positive effect of humanin on insulin sensitivity (PubMed:19623253). Promotes testicular germ cell apoptosis (PubMed:19952275).

Cellular Location

Secreted.

Tissue Location

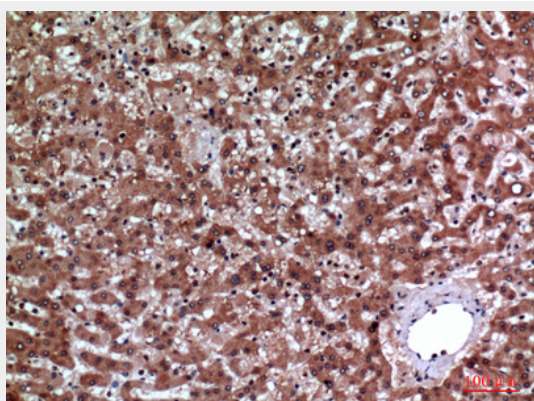
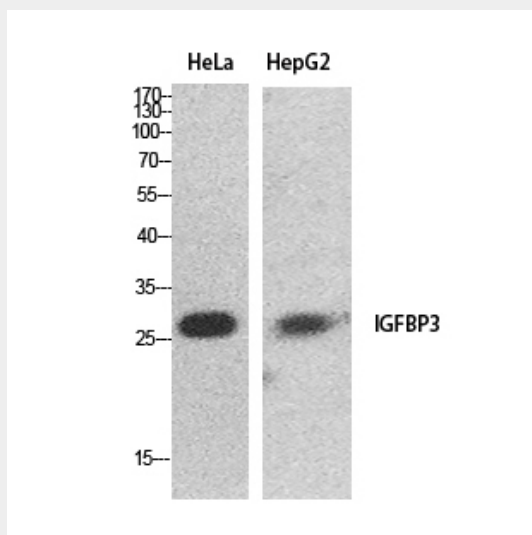
Expressed by most tissues. Present in plasma.

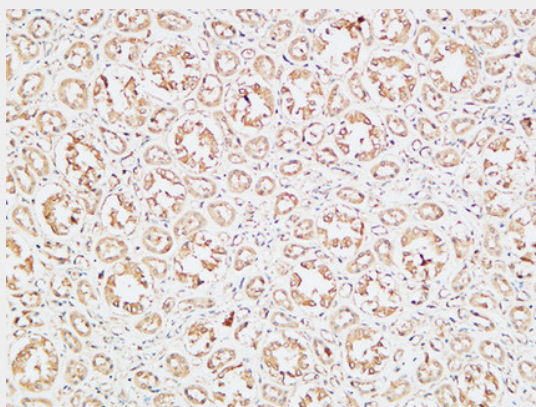
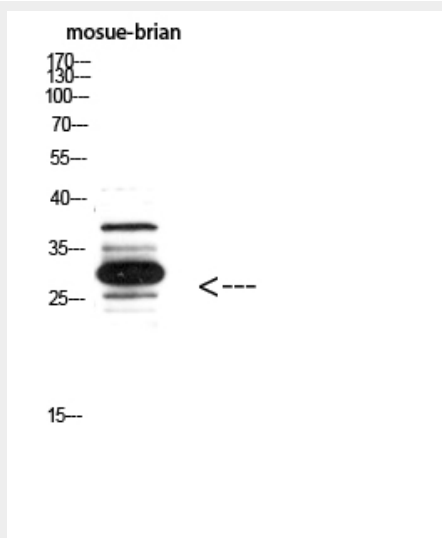
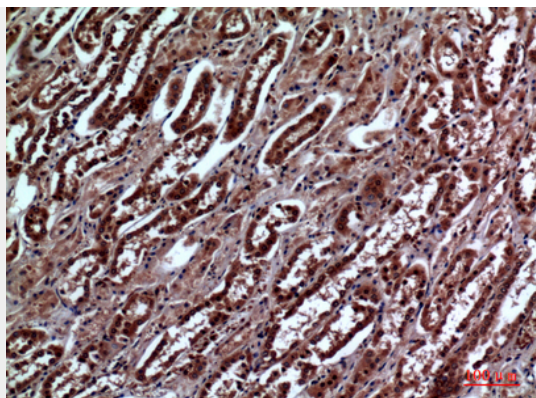
IGFBP3 Polyclonal Antibody - Protocols

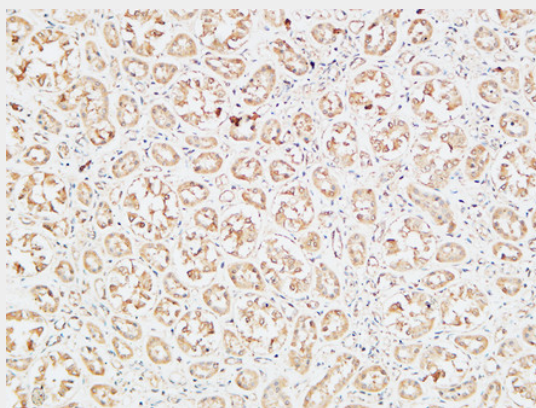
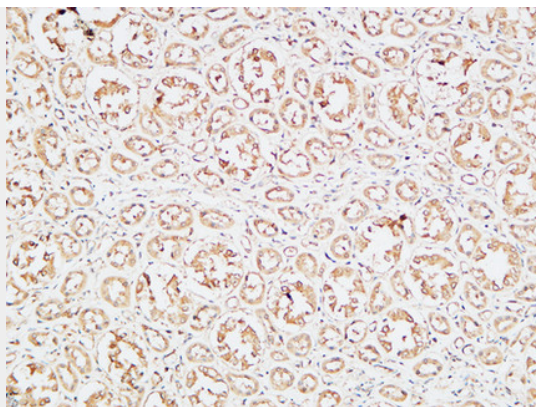
Provided below are standard protocols that you may find useful for product applications.

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

IGFBP3 Polyclonal Antibody - Images







IGFBP3 Polyclonal Antibody - Background

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. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R.