

## IGFBP3 Polyclonal Antibody

Catalog number: 10189-2-AP

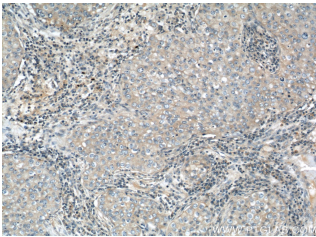
Size: 37 µg/150 µl

Source: Rabbit

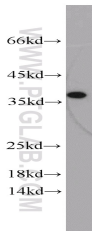
Isotype: IgG

Synonyms:

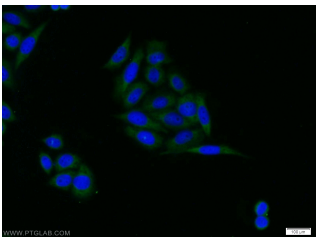
IGFBP3; BP 53, IBP 3, IBP3, IGF binding protein 3, IGFBP 3, IGFBP3



Immunohistochemical of paraffin-embedded human breast cancer using 10189-2-AP(IGFBP3 antibody) at dilution of 1:50 (under 10x lens)



A2780 cells were subjected to SDS PAGE followed by western blot with 10189-2-AP(IGFBP3 antibody) at dilution of 1:100



Immunofluorescent analysis of HeLa cells using 10189-2-AP(IGFBP3 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

### Background

Insulin-like growth factor binding protein-3 (IGFBP-3) contains a 27 amino acid putative signal sequence followed by a mature protein of 264 amino acids with 18 cysteine residues clustered near the N- and C-terminus. Accordingly, expression of the cloned IGFBP-3 cDNA in mammalian tissue culture cells results in secretion of the protein into the culture medium. IGFBP-3 shares high homology (33% amino acid identity) including conservation of all 18 cysteine residues with a smaller human IGF-binding protein (BP-28) identified in amniotic fluid.

### Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human, Mouse; other species not tested.
Calculated IGFBP3 MW:	32 kDa
Observed IGFBP3 MW:	37-45 kDa
Positive WB detected in	A2780 cells, HeLa cells
Positive IHC detected in	Human breast cancer tissue, human colon cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:1000
	IHC: 1:20-1:200
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0242
GenBank accession number:	BC000013
Gene ID (NCBI):	3486
Full name:	Insulin-like growth factor binding protein 3

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.