

IGF2BP2 Polyclonal Antibody

Catalog NumberPA5-29869

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	<div>Tested ApplicationsDilution * Immunohistochemistry (Paraffin) (IHC (P))1:100-1:1,000 Western Blot (WB)1:500-1:3,000 Immunocytochemistry (ICC/IF)1:100-1:1,000</div>	
Class	Polyclonal		
Type	Antibody		
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 260 of Human IGF2BP2		
Conjugate	Unconjugated	<div>* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.</div>	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, HepG2. Predicted reactivity: Mouse (92%), Rat (92%), Bovine (98%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

IGF2BP2 is a member of the IGF-II mRNA-binding protein (IMP) family. It recruits target transcripts to cytoplasmic protein-RNA complexes. The protein contains several four KH domains and two RRM domains. It functions by binding to the 5' UTR of the insulin-like growth factor 2 (IGF2) mRNA and regulating IGF2 translation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Autoantibodies against IGF2BP2 are detected in sera from some patients with hepatocellular carcinoma.

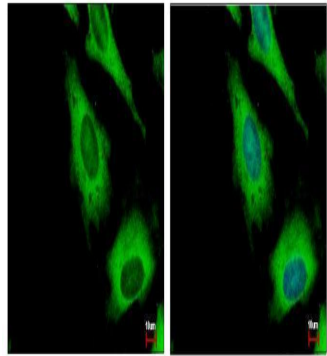
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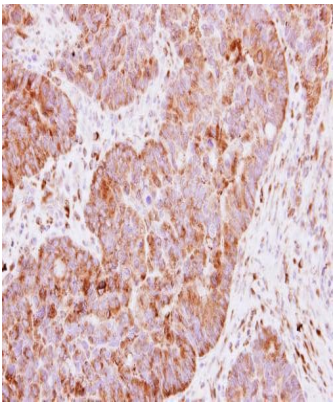
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Product Images For IGF2BP2 Polyclonal Antibody



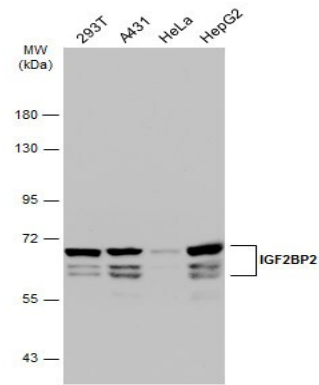
IGF2BP2 Antibody (PA5-29869) in ICC/IF

IGF2BP2 Polyclonal Antibody [N1N3] detects IGF2BP2 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: IGF2BP2 protein stained by IGF2BP2 Polyclonal Antibody [N1N3] (Product # PA5-29869) diluted at 1:500. Blue: Hoechst 33343 staining.



IGF2BP2 Antibody (PA5-29869) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma, using IGF2BP2 (Product # PA5-29869) antibody at 1:250 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



IGF2BP2 Antibody (PA5-29869) in WB

Western Blot analysis of IGF2BP2 was performed by separating 30 µg of various whole cell extracts by 7.5% SDS-PAGE. Proteins were transferred to a membrane and probed with a IGF2BP2 Polyclonal Antibody (Product # PA5-29869) at a dilution of 1:3000 and a HRP-conjugated anti-rabbit IgG secondary antibody.

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