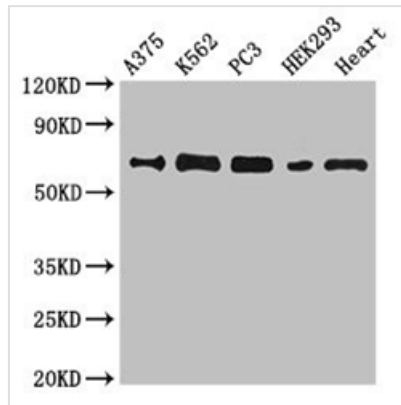


GBP2 Antibody

Product Code	CAC07820
Abbreviation	Guanylate-binding protein 2
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P32456
Immunogen	Recombinant Human Guanylate-binding protein 2 protein (100-259AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Hydrolyzes GTP to GMP in 2 consecutive cleavage reactions, but the major reaction product is GDP (PubMed:8706832). Exhibits antiviral activity against influenza virus. Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Guanylate-binding protein 2 (EC 3.6.5.-) (GTP-binding protein 2) (GBP-2) (HuGBP-2) (Guanine nucleotide-binding protein 2) (Interferon-induced guanylate-binding protein 2), GBP2
Species	Human
Research Area	Immunology
Target Names	GBP2



Western Blot

Positive WB detected in: A375 whole cell lysate, K562 whole cell lysate, PC-3 whole cell lysate, HEK293 whole cell lysate, Mouse heart tissue

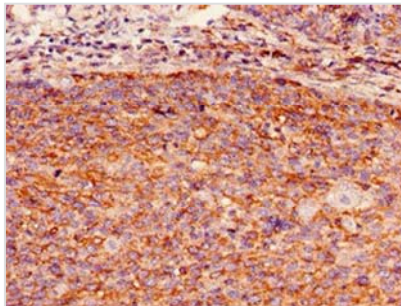
All lanes: GBP2 antibody at 6.2 g/ml

Secondary

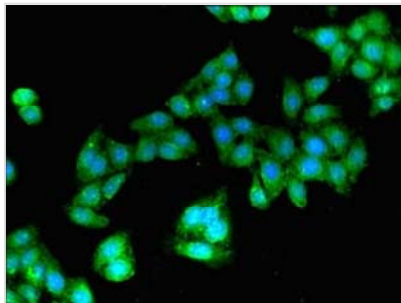
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 68 kDa

Observed band size: 68 kDa



Immunohistochemistry of paraffin-embedded human pancreatic cancer using CAC07820 at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using CAC07820 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)