

Datasheet for ABIN7154773
anti-GBP2 antibody (AA 100-259)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	GBP2
Binding Specificity:	AA 100-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Guanylate-binding protein 2 protein (100-259AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	GBP2
Alternative Name:	GBP2 (GBP2 Products)
Background:	Background: Hydrolyzes GTP to GMP in 2 consecutive cleavage reactions, but the major reaction product is GDP (PubMed:8706832). Exhibits antiviral activity against influenza virus.

Target Details

Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes (By similarity).

Aliases: GBP2Guanylate-binding protein 2 antibody, EC 3.6.5.- antibody, GTP-binding protein 2 antibody, GBP-2 antibody, HuGBP-2 antibody, Guanine nucleotide-binding protein 2 antibody, Interferon-induced guanylate-binding protein 2 antibody

UniProt: [P32456](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

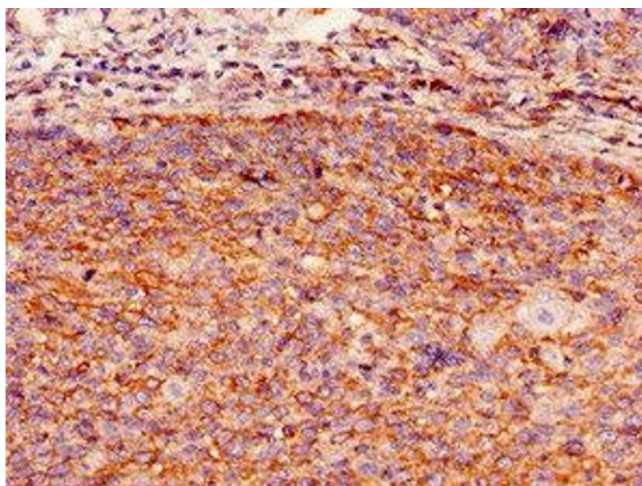
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

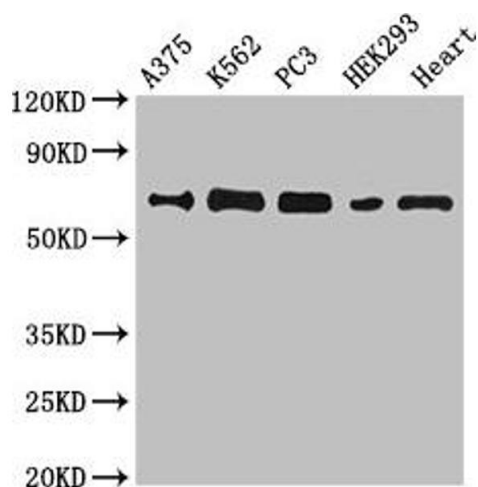
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



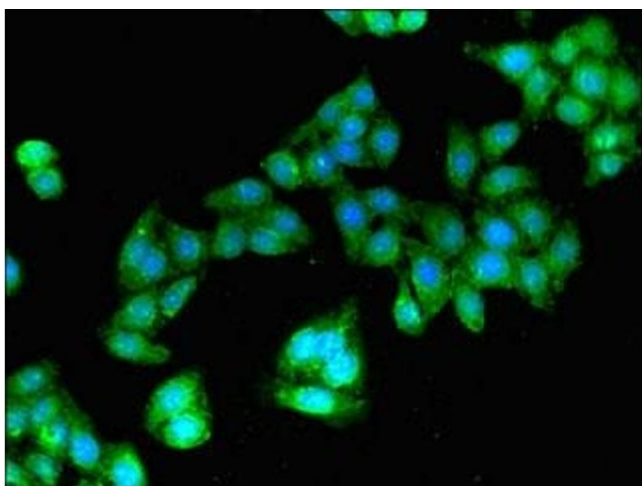
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7154773 at dilution of 1:100



Western Blotting

Image 2. 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 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 68 kDa Observed band size: 68 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7154773 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)