

Datasheet for ABIN7154988
anti-HBG2 antibody (AA 2-147)

3 Images

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Overview

Quantity:	100 µg
Target:	HBG2
Binding Specificity:	AA 2-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Hemoglobin subunit gamma-2 protein (2-147AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	HBG2
Alternative Name:	HBG2 (HBG2 Products)
Background:	Background: Gamma chains make up the fetal hemoglobin F, in combination with alpha chains. Aliases: Abnormal hemoglobin antibody, FLJ76540 antibody, G gamma globin antibody,

Target Details

Gamma 2 globin antibody, Gamma-2-globin antibody, Hb F Ggamma antibody, HBG 2 antibody, HBG2 antibody, HBG2_HUMAN antibody, Hemoglobin gamma 2 chain antibody, Hemoglobin gamma G antibody, Hemoglobin gamma G chain antibody, Hemoglobin gamma-2 chain antibody, Hemoglobin gamma-G chain antibody, Hemoglobin subunit gamma 2 antibody, Hemoglobin subunit gamma-2 antibody, Methemoglobin antibody, OTTHUMP00000069638 antibody

UniProt: [P69892](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

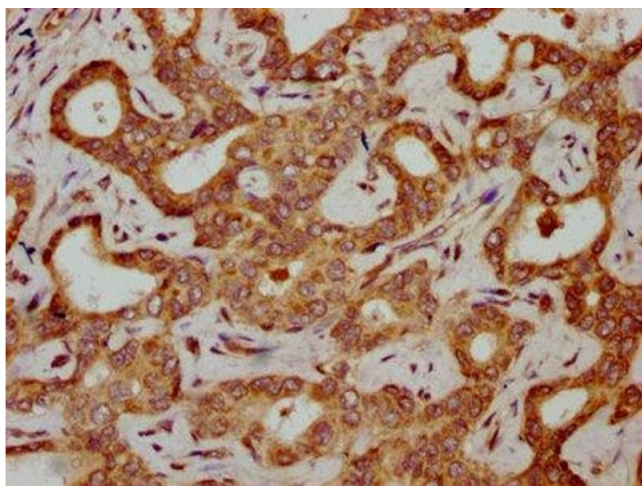
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

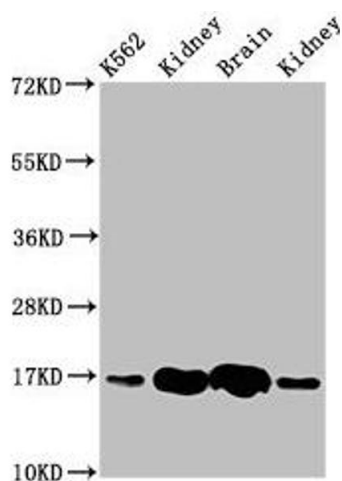
Storage: -20 °C, -80 °C

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



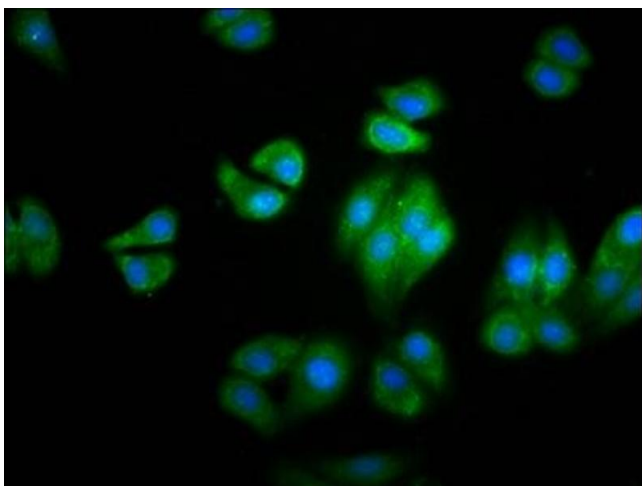
Immunohistochemistry

Image 1. IHC image of ABIN7154988 diluted at 1:300 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, Rat kidney tissue, Rat brain tissue, Mouse kidney tissue. All lanes: HBG2 antibody at 4.6 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 17 kDa. Observed band size: 17 kDa.



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7154988 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).