

Datasheet for ABIN7154578
anti-GTPBP1 antibody (AA 562-669)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	GTPBP1
Binding Specificity:	AA 562-669
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GTPBP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human GTP-binding protein 1 protein (562-669AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GTPBP1
Alternative Name:	GTPBP1 (GTPBP1 Products)
Background:	Background: Promotes degradation of target mRNA species. Plays a role in the regulation of circadian mRNA stability. Binds GTP and has GTPase activity (By similarity).

Target Details

Aliases: G protein 1 antibody, G-protein 1 antibody, GP 1 antibody, GP-1 antibody, GP1 antibody, GTP binding protein 1 antibody, GTP-binding protein 1 antibody, GTPB1_HUMAN antibody, GTPBP1 antibody

UniProt: [O00178](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, 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

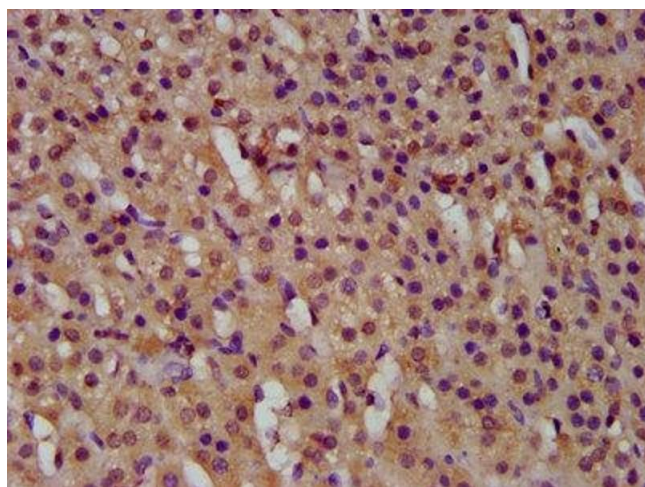
Preservative: ProClin

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

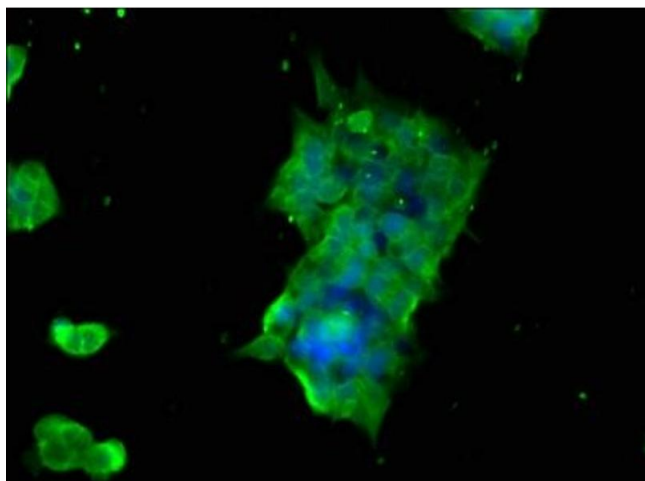
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. IHC image of ABIN7154578 diluted at 1:500 and staining in paraffin-embedded human adrenal gland tissue 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.



Immunofluorescence

Image 2. Immunofluorescence staining of 293 cells with ABIN7154578 at 1:166, 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).