

Datasheet for ABIN7307754

anti-GCN2 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GCN2 (EIF2AK4)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to GCN2
Immunogen:	Recombinant full length protein of human GCN2
Specificity:	Recognizes endogenous levels of GCN2 protein.
Characteristics:	Rabbit polyclonal antibody to GCN2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	GCN2 (EIF2AK4)
Alternative Name:	GCN2 (EIF2AK4 Products)
Background:	GCN2, KIAA1338, Eukaryotic translation initiation factor 2-alpha kinase 4, GCN2-like protein

Target Details

Gene ID:	440275
UniProt:	Q9P2K8
Pathways:	ER-Nucleus Signaling , Hepatitis C

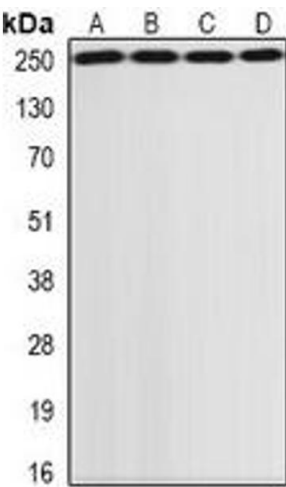
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

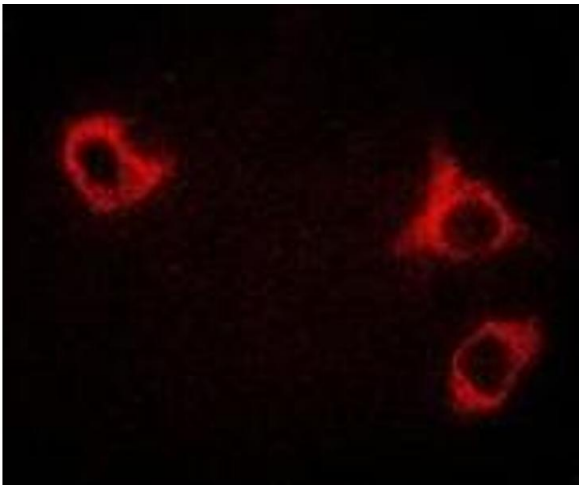
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



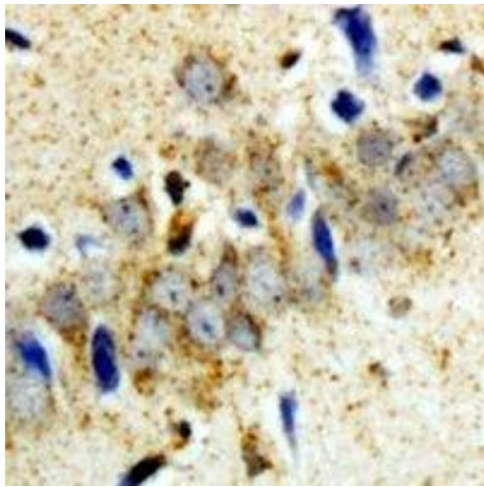
Western Blotting

Image 1. Western blot analysis of GCN2 expression in SKOV3 (A), HepG2 (B), MCF7 (C), rat lung (D) whole cell lysates.



Immunofluorescence

Image 2. Immunofluorescent analysis of GCN2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 3. Immunohistochemical analysis of GCN2 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the ant