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Datasheet for ABIN1695596

**anti-GCN1L1 antibody (AA 751-850) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	GCN1L1
Binding Specificity:	AA 751-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCN1L1 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gcn1l1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	GCN1L1
Alternative Name:	Gcn1l1 ( <a href="#">GCN1L1 Products</a> )
Background:	Synonyms: GCN1, GCN1 general control of amino acid synthesis yeast homolog like, GCN1

## Target Details

general control of amino acid synthesis 1 yeast like 1, GCN1 general control of amino acid synthesis 1 like 1, GCN1 general control of amino acid synthesis 1 like 1 yeast, GCN1 like protein 1, GCN1L, HsGCN1, GCN1L\_HUMAN.

Background: GCN1L1 is a 2,671 amino acid protein that is ubiquitously expressed and belongs to the GCN1 family. Functioning as a translation activator, GCN1L1 interacts with IMPACT to regulate GCN2 kinase activity. GCN1L1 contains 24 HEAT repeats and is encoded by a gene that maps to human chromosome 12q24.23. Chromosome 12 encodes over 1,100 genes and comprises approximately 4.5 % of the human genome. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

Gene ID: 10985

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months