

For Research Use Only

# CCBL1 Polyclonal antibody

Catalog Number: 30296-1-AP



## Basic Information

**Catalog Number:**

30296-1-AP

**Size:**

150ul , Concentration: 500 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG32316

**GenBank Accession Number:**

BC033685

**GeneID (NCBI):**

883

**UNIPROT ID:**

Q16773

**Full Name:**

cysteine conjugate-beta lyase, cytoplasmic

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : HEK-293 cells, HeLa cells, U-87 MG cells

IF/ICC : HeLa cells,

## Background Information

CCBL1 encodes kynurenine aminotransferase 1 (KAT1), a key enzyme involved in kynurenine pathway. CCBL1 catalyzes the production of kynurenic acid, a powerful endogenous excitatory amino acid receptor antagonist that is widely regarded as the potent neuroprotective agent.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

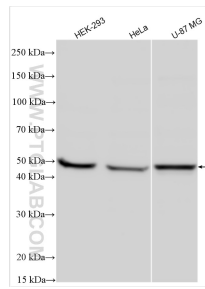
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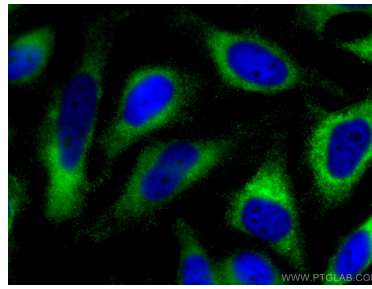
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30296-1-AP (CCBL1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CCBL1 antibody (30296-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).