

Rabbit GCN1L1 Polyclonal Antibody | anti-GCN1L1 antibody

Rabbit anti-GCN1L1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211651	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Western Blot

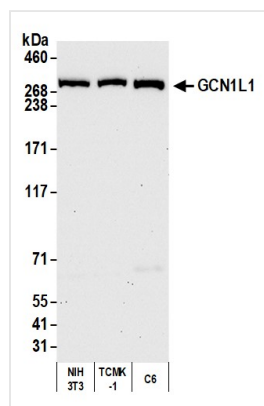
PRODUCT SYNONYMS

GCN1L1; Polyclonal Antibody; Rabbit anti-GCN1L1 Antibody; Affinity Purified; GCN1-like protein 1; PRIC295; translational activator GCN1; peroxisome proliferator activated receptor interacting complex protein; hsGCN1; general control of amino-acid synthesis 1-like protein 1; GCN1L; GCN1 general control of amino-acid synthesis 1-like 1; GCN1 eIF-2-alpha kinase activator homolog; eIF-2-alpha kinase activator GCN1; GCN1 (general control of amino-acid synthesis 1; yeast)-like 1; GCN1; eIF2 alpha kinase activator homolog; anti-GCN1L1 antibody

PRODUCT SPECIFICATIONS

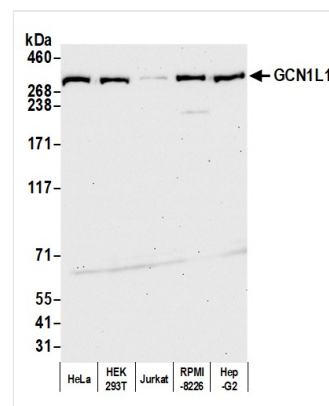
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-GCN1L1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2621 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



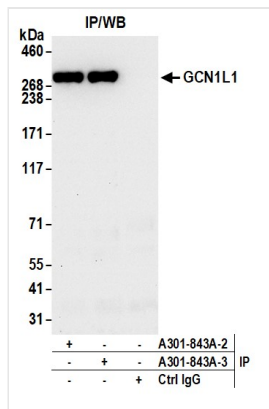
WB (Western Blot)

Detection of mouse and rat GCN1L1 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3, TCMK-1, and C6 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GCN1L1 antibody AAA211651 (lot AAA211651-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



WB (Western Blot)

Detection of human GCN1L1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, RPMI-8226, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GCN1L1 antibody AAA211651 (lot AAA211651-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human GCN1L1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GCN1L1 antibody AAA211651 (lot AAA211651-3) used for IP at 6 ug per reaction. GCN1L1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211651). For blotting immunoprecipitated GCN1L1, AAA211651 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GCN1L1 antibody	GCN1L1 (general control of amino-acid synthesis 1 like 1) is structurally similar to GCN1, a yeast factor that associates with ribosomes and participates in translational elongation.
Product Categories/Family for anti-GCN1L1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	54607053
NCBI GeneID	10985
NCBI Accession #	NP_006827.1
NCBI GenBank Nucleotide #	NM_006836.1
UniProt Accession #	Q92616; O95001; O95651; Q6P2S3; Q86X65; Q8N5I5; Q8WU80; Q99736; Q9UE60; A8KAY1
Molecular Weight	292,758 Da
NCBI Official Full Name	translational activator GCN1
NCBI Official Synonym Full Names	GCN1 general control of amino-acid synthesis 1-like 1 (yeast)
NCBI Official Symbol	GCN1L1
NCBI Official Synonym Symbols	GCN1; GCN1L; PRIC295
NCBI Protein Information	translational activator GCN1; hSGCN1; GCN1-like protein 1; GCN1 (general control of amino-acid synthesis 1, yeast)-like 1; peroxisome proliferator activated receptor interacting complex protein
UniProt Protein Name	Translational activator GCN1
UniProt Gene Name	GCN1L1
UniProt Synonym Gene Names	KIAA0219; HsGCN1
UniProt Entry Name	GCN1L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

