bs-13315R **[Primary Antibody]**

Gcn1l1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10985 **SWISS:** Q92616

Target: Gcn1l1

Immunogen: KLH conjugated synthetic peptide derived from human Gcn1l1: 751-850/2671.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 regulproteinate 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.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Cow, Dog, Horse)

Predicted MW.: 293 kDa

Subcellular Location: Cytoplasm