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GCN2 Monoclonal Antibody

4; GCN2-like protein Observed Band 220kDa Cell Pathway Cytoplasm . Tissue Specificity Widely expressed (PubMed:10504407). Expressed in lung, smooth muscle cells and macrophages (PubMed:24292273). Function catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:Kinase domain 1 is a degenerate kinase domain.,domain:RWD domain is reported to interact with GCN1L1.,function:Can phosphorylate the alpha subunit of EIF2 and may mediate translational control.,PTM:Autophosphorylated on threonine residues.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. GCN2 subfamily.,similarity:Contains 1 RWD domain.,similarity:Contains 2 protein kinase domains.,tissue specificity:Widely expressed., Background This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulaton of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by		
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WebsIte: www.upingBio.com

individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2. [provided by RefSeq, Mar 2014],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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