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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EIF2S1 (Phospho S51) recombinant monoclonal antibody

Catalog Number: RAB02456

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human EIF2S1.

Immunogen: Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser51 of human EIF2S1.

Theoretical MW (kDa): 42

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Recognizes endogenous levels of EIF2S1 (pS51) protein.

Form: Liquid

Purification: Immunogen affinity chromatography

Isotype: IgG

Recommend Usage: Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction: Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Entrez GeneID: 1965

Gene Symbol: EIF2S1

Gene Alias: EIF-2, EIF-2A, EIF-2alpha, EIF2, EIF2A

Gene Summary: The translation initiation factor eIF2

catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, eIF2, and GTP. eIF2 is composed of 3 nonidentical subunits, alpha (36 kD), beta (38 kD, MIM 603908), and gamma (52 kD, MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of eIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).[supplied by OMIM]