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Phospho-eIF2(S51) Polyclonal Antibody

Cat #: G-AB-12604

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:**

Overview:
Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40 S subunits in a GTP-dependent manner. May act by impiging the expression of specific proteins.

Gene ID: 1965

Accession #:

Immunogen: A synthetic phosphorylated peptide around S51 of human eIF2 (NP_004085.1).

Conjugation: Unconjugated

Swissprot: P05198

Calculated Molecular Weight: 36 kDa

Observed Molecular Weight: 38 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:1000-1:2000

Storage: Store at -20°C. Avoid freeze / thaw cycles.