

**EIF2B3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1930b****Specification**

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**EIF2B3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9HA31](#)**EIF2B3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 8891**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1930b](/product/products/AP1930b) was selected from the N-term region of human EIF2B3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EIF2B3 Antibody (N-term) Blocking Peptide - Protein Information****Name** EIF2B3 {ECO:0000313|EMBL:CAG33566.1}**Cellular Location**

Cytoplasm, cytosol {ECO:0000256|ARBA:ARBA00004514}

**EIF2B3 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**EIF2B3 Antibody (N-term) Blocking Peptide - Images****EIF2B3 Antibody (N-term) Blocking Peptide - Background**

EIF2B3 catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. Mutations in each of the five subunits of translation initiation factor eIF2B, including subunit 3, can cause

leukoencephalopathy with vanishing white matter. EIF2B3 has also been identified as a cofactor of hepatitis C virus internal ribosome entry site-mediated translation.

#### **EIF2B3 Antibody (N-term) Blocking Peptide - References**

van der Knaap, M.S., et al., Ann. Neurol. 51(2):264-270 (2002). Kruger, M., et al., Proc. Natl. Acad. Sci. U.S.A. 97(15):8566-8571 (2000). Gomez, E., et al., Mol. Cell. Biol. 20(11):3965-3976 (2000).