antibodies - online.com







anti-EIF2B1 antibody (AA 136-163)

Images

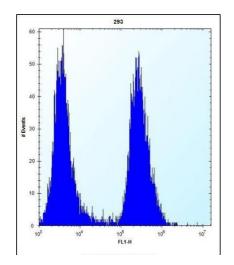


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| Overview | | | |
|-----------------------|---|--|--|
| Quantity: | 400 μL | | |
| Target: | EIF2B1 | | |
| Binding Specificity: | AA 136-163 | | |
| Reactivity: | Human | | |
| Host: | Rabbit | | |
| Clonality: | Polyclonal | | |
| Conjugate: | This EIF2B1 antibody is un-conjugated | | |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) | | |
| Product Details | | | |
| Immunogen: | This EIF2B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 136-163 amino acids from the Central region of human EIF2B1. | | |
| Clone: | RB18968 | | |
| Isotype: | lg Fraction | | |
| Predicted Reactivity: | Pr | | |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. | | |
| Target Details | | | |
| Target: | EIF2B1 | | |
| | | | |

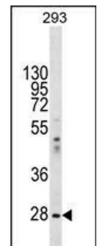
Target Details

| rarget Details | | |
|---------------------|---|--|
| Alternative Name: | EIF2B1 (EIF2B1 Products) | |
| Background: | This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter. | |
| Molecular Weight: | 33712 | |
| Gene ID: | 1967 | |
| NCBI Accession: | NP_001405 | |
| UniProt: | Q14232 | |
| Pathways: | Methionine Biosynthetic Process | |
| Application Details | | |
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50 | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Liquid | |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. | |
| Preservative: | Sodium azide | |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | |
| Storage: | 4 °C,-20 °C | |
| Storage Comment: | EIF2B1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C. | |
| Expiry Date: | 6 months | |



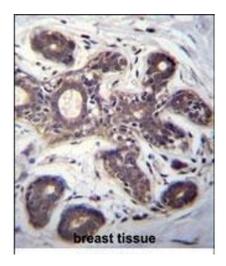
Flow Cytometry

Image 1. EIF2B1 Antibody (Center) (ABIN656348 and ABIN2845647) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. EIF2B1 Antibody (Center) (ABIN656348 and ABIN2845647) western blot analysis in 293 cell line lysates (35 μ g/lane).This demonstrates the EIF2B1 antibody detected the EIF2B1 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. EIF2B1 Antibody (Center) (ABIN656348 and ABIN2845647) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of EIF2B1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.