

## Product Datasheet

### eIF2B1 Antibody (orb341384)

<b>Catalog Number</b>	orb341384
<b>Category</b>	Antibodies
<b>Description</b>	The eIF2B1 Antibody is suitable for IF, WB. It is a Polyclonal, Unconjugated antibody which raised against Recombinant fusion protein of human eIF2B1 .Purification: The antibody was purified by immunogen affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	Recombinant fusion protein of human eIF2B1
<b>UniProt ID</b>	<b>Q14232, Q64270, Q99LC8</b>
<b>Tested applications</b>	IF, WB
<b>Dilution range</b>	WB: 1:500-1:2000
<b>Specificity</b>	Recognizes endogenous levels of eIF2B1 protein.
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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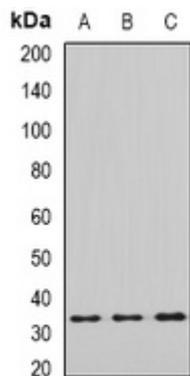
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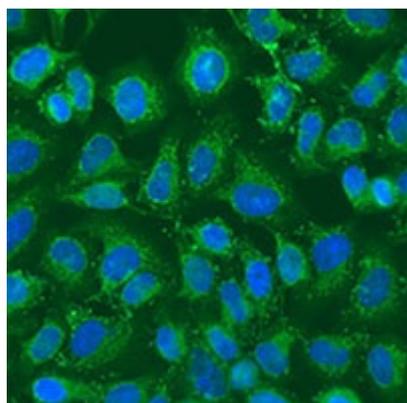
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**Note** For research use only

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Western blot analysis of eIF2B1 expression in SHSY5Y (A), MCF7 (B), mouse liver (C), mouse brain (D) whole cell lysates. (Predicted band size: 24; 33 kD; Observed band size: 34 kD)



Immunofluorescent analysis of eIF2B1 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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