



# eIF2B $\delta$ rabbit pAb

Cat No.:ES7903

For research use only

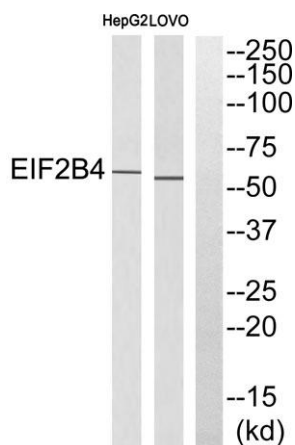
## Overview

<b>Product Name</b>	eIF2B $\delta$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human EIF2B4. AA range:226-275
<b>Specificity</b>	eIF2B $\delta$ Polyclonal Antibody detects endogenous levels of eIF2B $\delta$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Translation initiation factor eIF-2B subunit delta
<b>Gene Name</b>	EIF2B4
<b>Cellular localization</b>	cytoplasm,cytosol,eukaryotic translation initiation factor 2B complex,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	57kD
<b>Human Gene ID</b>	8890
<b>Human Swiss-Prot Number</b>	Q9UI10
<b>Alternative Names</b>	EIF2B4; EIF2BD; Translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor subunit delta
<b>Background</b>	Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta,

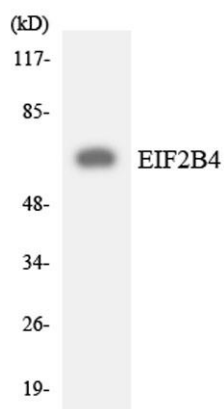




subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of EIF2B4 Antibody. The lane on the right is blocked with the EIF2B4 peptide.



Western blot analysis of the lysates from HeLa cells using EIF2B4 antibody.

