产品名称：eIF2Bδ Rabbit Polyclonal Antibody
产品货号：APRab10367

产品概述（Summary）

产品名称（Production Name）	eIF2Bδ Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,ELISA
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	EIF2B4
别名（Alternative Names）	EIF2B4; EIF2BD; Translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor subunit delta
基因 ID（Gene ID）	8890.0
蛋白 ID（SwissProt ID）	Q9UI10.The antiserum was produced against synthesized peptide derived from human EIF2B4. AA range:226-275

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量（Molecular Weight）	57kDa

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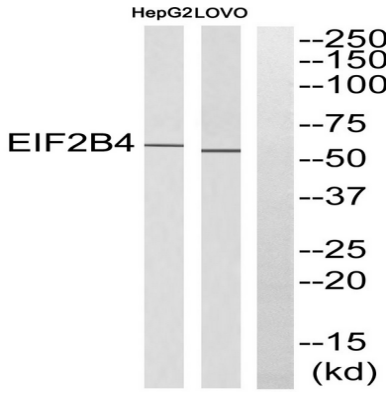
研究背景（Background）

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],disease:Defects in EIF2B4 are a cause of leukodystrophy with vanishing white matter (VWM) [MIM:603896]. VWM is a leukodystrophy that occurs mainly in children. Neurological signs include progressive cerebellar ataxia, spasticity, inconstant optic atrophy and relatively preserved mental abilities. The disease is chronic-progressive with, in most individuals, additional episodes of rapid deterioration following febrile infections or minor head trauma. While childhood onset is the most common form of the disorder, some severe forms are apparent at birth. A severe, early-onset form seen among the Cree and Chippewayan populations of Quebec and Manitoba is called Cree leukoencephalopathy. Milder forms may not become evident until adolescence or adulthood. Some females with milder forms of the disease who survive to adolescence exhibit ovarian dysfunction. This variant of the disorder is called ovarioleukodystrophy.,function:Catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP.,similarity:Belongs to the EIF-2B alpha/beta/delta subunits family.,subunit:Complex of five different subunits; alpha, beta, gamma, delta and epsilon.,

研究领域（Research Area）

图片（Image Data）



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

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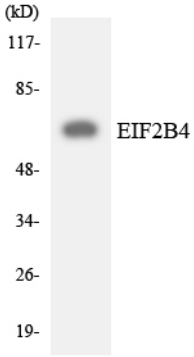

Western blot analysis of the lysates from HeLa cells using EIF2B4 antibody.

注意事项（Note）

For research use only .