产品名称：eIF2Bγ Rabbit Polyclonal Antibody
产品货号：APRab10366

产品概述（Summary）

产品名称（Production Name）	eIF2Bγ 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

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）	EIF2B3
别名（Alternative Names）	EIF2B3; Translation initiation factor eIF-2B subunit gamma; eIF-2B GDP-GTP exchange factor subunit gamma
基因 ID（Gene ID）	8891.0
蛋白 ID（SwissProt ID）	Q9NR50.Synthesized peptide derived from eIF2Bγ . at AA range: 240-320

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）	50kDa

研究背景（Background）

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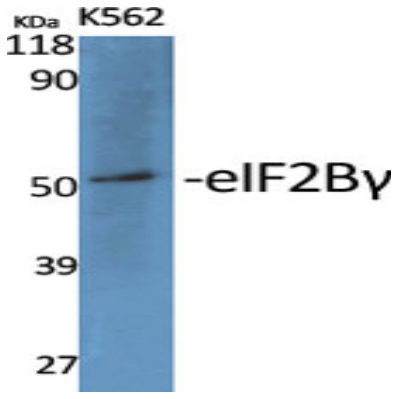
The protein encoded by this gene is one of the subunits of initiation factor eIF2B, which catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. It has also been found to function as a cofactor of hepatitis C virus internal ribosome entry site-mediated translation. Mutations in this gene have been associated with leukodystrophy with vanishing white matter. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009],alternative products:Experimental confirmation may be lacking for some isoforms,disease:Defects in EIF2B3 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 gamma/epsilon 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 various cells using eIF2Bγ Polyclonal Antibody diluted at 1：1000

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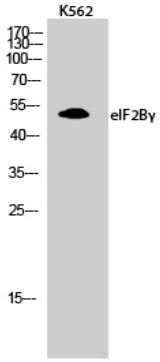

Western Blot analysis of K562 cells using eIF2Bγ Polyclonal Antibody diluted at 1：1000

注意事项（Note）

For research use only .