eIF2Bγ Rabbit pAb

CatalogNo: YT1505

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,ELISA

MW
- 50kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:5000
Not yet tested in other applications.

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from eIF2Bγ . at AA range: 240-320
Specificity	eIF2Bγ Polyclonal Antibody detects endogenous levels of eIF2Bγ protein.

Target Information

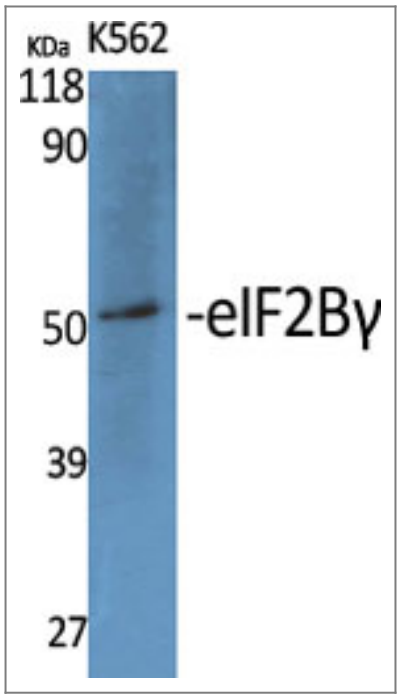
Gene name	EIF2B3

Protein Name	Translation initiation factor eIF-2B subunit gamma

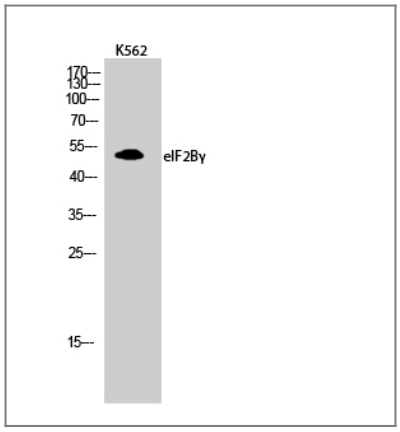
Organism	Gene ID	UniProt ID
Human	8891;	Q9NR50;

Cellular Localization	cytoplasm,cytosol,eukaryotic translation initiation factor 2B complex,
Tissue specificity	Blood,Hepatoma,Lymph node,Mammary gland,
Function	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.,

Validation Data



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



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

Contact information

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Please scan the QR code to access additional product information:
eIF2Bγ Rabbit pAb