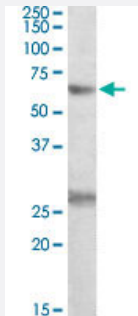


EIF2B4 polyclonal antibody

Catalog # PAB19012 Size 100 ug

Applications



Western Blot (Cell lysate)

EIF2B4 polyclonal antibody (Cat # PAB19012) (0.3 ug/mL) staining of K-562 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of EIF2B4.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human EIF2B4.
Sequence	C-RKDYGSKVSLFSH
Host	Goat
Theoretical MW (kDa)	60
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

EIF2B4 polyclonal antibody (Cat # PAB19012) (0.3 ug/mL) staining of K-562 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — EIF2B4

Entrez GeneID[8890](#)**Protein Accession#**[NP_751945.2;NP_001029288.1;NP_056451.3](#)**Gene Name**

EIF2B4

Gene Alias

DKFZp586J0119, EIF-2B, EIF2B, EIF2Bdelta

Gene Description

eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa

Omim ID[603896 606687](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

eIF-2B GDP-GTP exchange factor subunit delta|eukaryotic translation initiation factor 2B, subunit 4 delta|translation initiation factor eIF-2b delta subunit

Disease

- [Brain Diseases](#)

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)