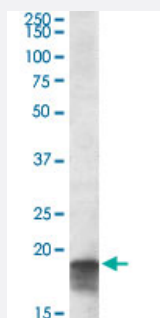


LOC644096 polyclonal antibody

Catalog # PAB17244 Size 100 ug

Applications



Western Blot (Tissue lysate)

LOC644096 polyclonal antibody (Cat # PAB17244) (0.3 ug/mL) staining of human cerebellum 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 LOC644096.

Immunogen A synthetic peptide corresponding to human LOC644096.

Sequence C-HDSTGAPETRPDGR

Host Goat

Theoretical MW (kDa) 12.8

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, pH 7.3 (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 (Tissue lysate)

LOC644096 polyclonal antibody (Cat # PAB17244) (0.3 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — LOC644096

Entrez GeneID[644096](#)**Protein Accession#**[NP_001036096.1](#)**Gene Name**

LOC644096

Gene Alias

-

Gene Description

hypothetical protein LOC644096

Gene Ontology[Hyperlink](#)**Gene Summary**

The succinate dehydrogenase (SDH) complex, or complex II of the mitochondrial respiratory chain, is composed of 4 individual subunits (see SDHA, MIM 600857). SDHAF1 is essential for SDH assembly but does not physically associate with the complex in vivo (Ghezzi et al., 2009).[supplied by OMIM]

Other Designations

-

Publication Reference

- [SDHAF1, encoding a LYR complex-II specific assembly factor, is mutated in SDH-defective infantile leukoencephalopathy.](#)

Ghezzi D, Goffrini P, Uziel G, Horvath R, Klopstock T, Lochmuller H, D'Adamo P, Gasparini P, Strom TM, Prokisch H, Invernizzi F, Ferrero I, Zeviani M.

Nature Genetics 2009 May; 41(6):654.