Anti-Human/Mouse/Rat FA2H Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05069

3th Edition

Description:FA2H (Fatty Acid 2-Hydroxylase) is a Protein Coding gene. Diseases associated with FA2H include Spastic Paraplegia 35, Autosomal Recessive and Spastic Paraplegia 35. Among its related pathways are fatty acid alpha-oxidation III and Metabolism. GO annotations related to this gene include oxidoreductase activity and heme binding.This gene encodes a protein that catalyzes the synthesis of 2-hydroxysphingolipids, a subset of sphingolipids that contain 2-hydroxy fatty acids. Sphingolipids play roles in many cellular processes and their structural diversity arises from modification of the hydrophobic ceramide moiety, such as by 2-hydroxylation of the N-acyl chain, and the existence of many different head groups. Mutations in this gene have been associated with leukodystrophy dysmyelinating with spastic paraparesis with or without dystonia.

Antigen: Synthesized peptide derived from human FA2H

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Detected in differentiating cultured keratinocytes (at protein level). Detected in epidermis and cultured keratinocytes. Highly expressed in brain and colon. Detected at lower levels in testis, prostate, pancreas and kidney.