

Anti-ELAVL2 HuB Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06194-2-Fluoro488

About ELAVL2

ELAV-like protein 2 is a protein that in humans is encoded by the ELAVL2 gene. This gene encodes a member of the cytochrome P450 superfamily of enzymes, and is commonly known as sterol 27-hydroxylase. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This mitochondrial protein oxidizes cholesterol intermediates as part of the bile synthesis pathway. Since the conversion of cholesterol to bile acids is the major route for removing cholesterol from the body, this protein is important for overall cholesterol homeostasis. Mutations in this gene cause cerebrotendinous xanthomatosis, a rare autosomal recessive lipid storage disease.

Overview

Product Name	Anti-ELAVL2 HuB Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q12926

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ELAVL2 HuB, which shares 97.4% amino acid (aa) sequence identity with both mouse and rat ELAVL2 HuB.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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