

Anti-ERAB HSD17B10 Antibody

Catalog Number: A03844

About HSD17B10

Condensing enzyme that elongates saturated and monounsaturated very long chain fatty acids (VLCFAs). Elongates C24:0 and C26:0 acyl-CoAs. Seems to represent a photoreceptor-specific component of the fatty acid elongation system residing on the endoplasmic reticulum. May be implicated in docosahexaenoic acid (DHA) biosynthesis, which requires dietary consumption of the essential alpha-linolenic acid and a subsequent series of three elongation steps. May play a critical role in early brain and skin development.

Zhang K., Nat. Genet. 27:89-93(2001).

Edwards A.O., Invest. Ophthalmol. Vis. Sci. 42:2652-2663(2001).

Ota T., Nat. Genet. 36:40-45(2004).

Overview

Product Name	Anti-ERAB HSD17B10 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ERAB HSD17B10 Antibody catalog # A03844. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q99714

Technical Details

Immunogen	Synthesized peptide derived from internal of human ELOVL4.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:2000

IHC: 1:50-1:100

ICC/IF: 1:50-1:100

Anti-ERAB HSD17B10 Antibody (A03844) Images

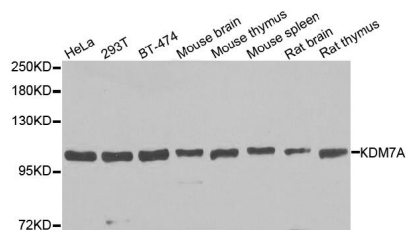


Figure 1. Western blotting validation for Anti-ERAB HSD17B10 Antibody A03844

Western blot analysis of ERAB polyclonal antibody
Electrophoresis was performed on a SDS-PAGE gel. To
determine SDS-PAGE gel concentration

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-ERAB HSD17B10 Antibody