

Anti-GPSN2 antibody

293T
170-100-70-55-40-35-- GPSN2
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Description Rabbit polyclonal to GPSN2.

Model STJ93407

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IHC

Immunogen Synthesized peptide derived from human GPSN2

Immunogen Region 230-310 aa, C-terminal

Gene ID <u>9524</u>

Gene Symbol TECR

Dilution range IHC 1:100-1:300ELISA 1:40000

Specificity GPSN2 Polyclonal Antibody detects endogenous levels of GPSN2 protein.

Tissue Specificity Expressed in most tissues tested. Highly expressed in skeletal muscle.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Very-long-chain enoyl-CoA reductase Synaptic glycoprotein SC2 Trans-2,3-

enoyl-CoA reductase TER

Molecular Weight 36.034 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:45510MIM:610057</u>

Alternative Names Very-long-chain enoyl-CoA reductase Synaptic glycoprotein SC2 Trans-2,3-

enoyl-CoA reductase TER

Function Catalyzes the last of the four reactions of the long-chain fatty acids elongation

cycle. This endoplasmic reticulum-bound enzymatic process, allows the addition of 2 carbons to the chain of long- and very long-chain fatty

acids/VLCFAs per cycle. This enzyme reduces the trans-2,3-enoyl-CoA fatty acid intermediate to an acyl-CoA that can be further elongated by entering a new cycle of elongation. Thereby, it participates in the production of VLCFAs of different chain lengths that are involved in multiple biological processes as

precursors of membrane lipids and lipid mediators.

Cellular Localization Endoplasmic reticulum membrane

Post-translational Glycosylated.

Modifications

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