

Rabbit GPSN2 Polyclonal Antibody | anti-TECR antibody

GPSN2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287579	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

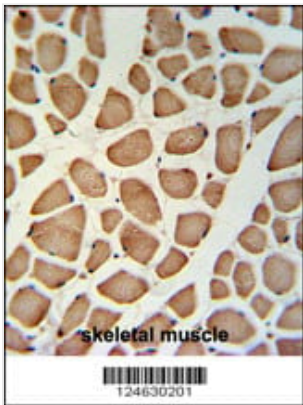
PRODUCT SYNONYMS

GPSN2; Polyclonal Antibody; GPSN2 Antibody (C-term); Very-long-chain enoyl-CoA reductase; Synaptic glycoprotein SC2; Trans-2; 3-enoyl-CoA reductase; TER; TECR; SC2; anti-TECR antibody

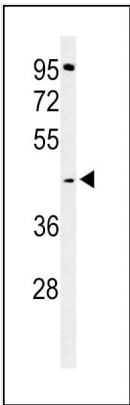
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPSN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-295 amino acids from the C-terminal region of human GPSN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	268-295
Sequence Length	157
Applicable Applications for anti-TECR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GPSN2 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPSN2 Antibody (C-term) for immunohis??



WB (Western Blot)
Western blot analysis of GPSN2 Antibody (C-term) in A2058 cell line lysates (35ug/lane). GPSN2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TECR antibody	Microsomal long and very long chain fatty acid elongation uses malonyl-CoA as the 2-carbon donor and consists of 4 sequential reactions. TER catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA.
Product Categories/Family for anti-TECR antibody	Signal Transduction
References	Hashmi, G., et al. Transfusion 45(5):680-688(2005) Moon, Y.A., et al. J. Biol. Chem. 278(9):7335-7343(2003) Mao, M., et al. Proc. Natl. Acad. Sci. U.S.A. 95(14):8175-8180(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24475816
NCBI GeneID	9524
NCBI Accession #	NP_612510.1
NCBI GenBank Nucleotide #	NM_138501.5
UniProt Accession #	Q9NZ01 ; O75350 ; Q6IBB2 ; Q9BWK3 ; Q9Y6P0 ; B2RD55
Molecular Weight	36034
NCBI Official Full Name	very-long-chain enoyl-CoA reductase
NCBI Official Synonym Full Names	trans-2,3-enoyl-CoA reductase
NCBI Official Symbol	TECR
NCBI Official Synonym Symbols	SC2; TER; GPSN2; MRT14
NCBI Protein Information	very-long-chain enoyl-CoA reductase
UniProt Protein Name	Very-long-chain enoyl-CoA reductase
UniProt Gene Name	TECR
UniProt Synonym Gene Names	GPSN2; SC2; TER
UniProt Entry Name	TECR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpsn2-antibody-immunohistochemistry-western-blot-elisa/287579>