
Product Name: GPSN2 Rabbit Polyclonal Antibody**Catalog #: APRab11720**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000

Molecular Weight

Antigen Information

Gene Name	TECR
Alternative Names	TECR; GPSN2; SC2; Trans-2; 3-enoyl-CoA reductase; TER; Synaptic glycoprotein SC2
Gene ID	9524.0
SwissProt ID	Q9NZ01
Immunogen	The antiserum was produced against synthesized peptide derived from human GPSN2. AA range:259-308

Background

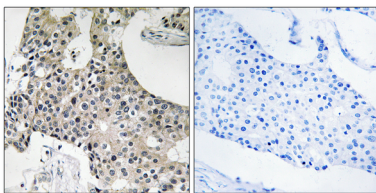
This gene encodes a multi-pass membrane protein that resides in the endoplasmic reticulum, and belongs to the steroid 5-

alpha reductase family. The elongation of microsomal long and very long chain fatty acid consists of 4 sequential reactions. This protein catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Apr 2011],steroid biosynthetic process,steroid metabolic process,lipid biosynthetic process,oxidation reduction,

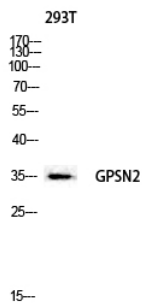
Research Area

Biosynthesis of unsaturated fatty acids;

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GPSN2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of 293T lysis using GPSN2 antibody. Antibody was diluted at 1:2000