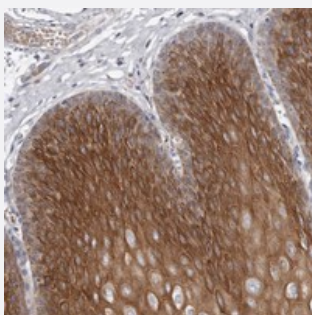


GPSN2 polyclonal antibody

Catalog # PAB22340 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human esophagus with GPSN2 polyclonal antibody (Cat # PAB22340) shows strong cytoplasmic positivity in squamous epithelial cells at 1:10-1:20 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GPSN2.
Immunogen	Recombinant protein corresponding to amino acids of human GPSN2.
Sequence	TQMTIWAKGKHRSYLKEFRDYPPLRMPII
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:10-1:20) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human esophagus with GPSN2 polyclonal antibody (Cat # PAB22340) shows strong cytoplasmic positivity in squamous epithelial cells at 1:10-1:20 dilution.

Gene Info — GPSN2

Entrez GeneID [9524](#)

Protein Accession# [Q9NZ01](#)

Gene Name GPSN2

Gene Alias SC2, TER

Gene Description glycoprotein, synaptic 2

Omim ID [610057](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (Moon and Horton, 2003 [PubMed 12482854]).[supplied by OMIM]

Other Designations synaptic glycoprotein SC2|trans-2,3-enoyl-CoA reductase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)