

Product datasheet for **TA346653**

GPSN2 (TECR) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GPSN2 antibody: synthetic peptide directed towards the middle region of human GPSN2. Synthetic peptide located within the following region: PFIYGHKYDFTSSRHTVVLACICHSFHYYIKRLLETFLVHRFSHGTMPLR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	trans-2,3-enoyl-CoA reductase
Database Link:	NP_612510 Entrez Gene 9524 Human Q9NZ01
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]
Synonyms:	GPSN2; MRT14; SC2; TER



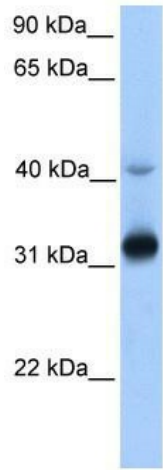
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Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Dog: 93%; Guinea pig: 93%; Zebrafish: 79%

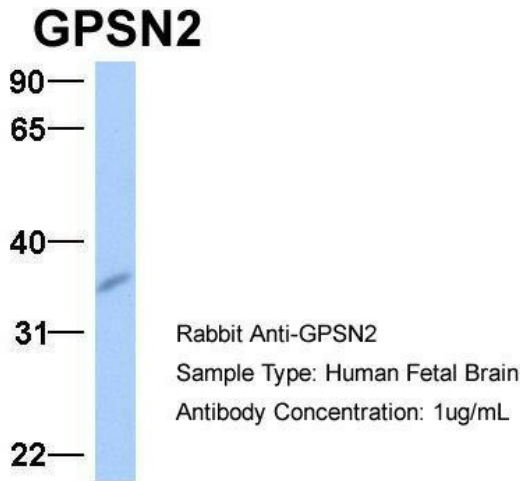
Protein Families: Transmembrane

Protein Pathways: Biosynthesis of unsaturated fatty acids

Product images:



WB Suggested Anti-GPSN2 Antibody Titration:
0.2-1 ug/ml; Positive Control: 721_B cell lysate



Host: Rabbit; Target Name: GPSN2; Sample
Tissue: Human Fetal Brain; Antibody Dilution: 1.0
ug/ml