

Datasheet for ABIN2783368  
**anti-TECR antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | TECR   |
| Binding Specificity: | Middle Region  |
| Reactivity:          | Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio), Pig, Rabbit |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This TECR antibody is un-conjugated  |
| Application:         | Western Blotting (WB)  |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human GPSN2  |
| Sequence:             | PFIYGHKYDF TSSRHTVHL ACICHSFHYI KRLLETLFVH RFSHGTMPLR   |
| Predicted Reactivity: | Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79% |
| Characteristics:      | This is a rabbit polyclonal antibody against GPSN2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified   |

## Target Details

|         |      |
|---------|------|
| Target: | TECR |
|---------|------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | GPSN2 ( <a href="#">TECR Products</a> )   |
| Background:       | <p>Microsomal long and very long chain fatty acid elongation uses malonyl-CoA as the 2-carbon donor and consists of 4 sequential reactions. GPSN2 catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA. 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]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-680 BG705196.1 7-686 681-1197 BC013881.2 632-1148</p> <p>Alias Symbols: SC2, TER, GPSN2, MRT14</p> <p>Protein Interaction Partner: PTPLB, UBC, SUMO2, SUMO1, RNF2, HECW2, HIPK4, DYRK1B, DYRK4, MAPK4, ELOVL1, CERS2, EGFR, ILK, CLN3, UBL4A, ESR1, RHOT2, PAXIP1, MOGS, RPN1, NOS3, DSP, CAND1, CUL3,</p> <p>Protein Size: 308</p> |
| Molecular Weight: | 36 kDa  |
| Gene ID:          | 9524  |
| NCBI Accession:   | <a href="#">NM_138501</a> , <a href="#">NP_612510</a>   |
| UniProt:          | <a href="#">Q9NZ01</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 308 AA   |
| Restrictions:      | For Research Use only  |

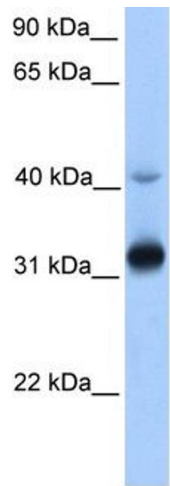
## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | Lot specific   |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Handling

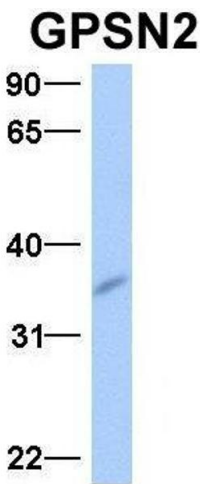
|                  |   |
|------------------|---|
| Handling Advice: | Avoid repeated freeze-thaw cycles.  |
| Storage:         | -20 °C  |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-GPSN2 Antibody Titration: 0.2-1 ug/ml Positive Control: 721\_B cell lysate



**Western Blotting**

**Image 2.** Host: Rabbit Target Name: GPSN2 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml