

Datasheet for ABIN2783369  
**anti-TECR antibody (C-Term)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                                         |
|----------------------|-------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                  |
| Target:              | TECR                                                                    |
| Binding Specificity: | C-Term                                                                  |
| Reactivity:          | Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio) |
| 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 C terminal region of human GPSN2                                      |
| Sequence:             | LRPAGSKTRK IPYPTKNPFT WLFLVSCP N YTYEVGSWIG FAIMTQCLPV                                                                          |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 100%                        |
| 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

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| 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                                                              |

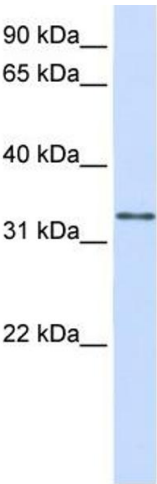
## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| 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 ELISA Titer: 1:1562500 Positive Control: 293T cell lysate