

Datasheet for ABIN2783592

## anti-Transglutaminase 7 antibody (C-Term)



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### 1 Image

#### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | Transglutaminase 7 (TGM7)                                   |
| Binding Specificity: | C-Term  |
| Reactivity:          | Human, Mouse, Dog, Pig, Rat, Guinea Pig, Horse, Cow, Rabbit |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Transglutaminase 7 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 TGM7                                      |
| Sequence:             | TQKPFWRHTV RMNLDGKET QWPLLLPYSN YRNKLTDEKL IRVSGIAEVE  |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 85%, Pig: 93%, Rabbit: 93%, Rat: 92%                      |
| Characteristics:      | This is a rabbit polyclonal antibody against TGM7. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified  |

#### Target Details

|         |                           |
|---------|---------------------------|
| Target: | Transglutaminase 7 (TGM7) |
|---------|---------------------------|

## Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | TGM7 ( <a href="#">TGM7 Products</a> )   |
| Background:       | <p>Transglutaminases (TGM, EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon-lysine crosslinks. Transglutaminases (TGM, EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. For additional background information on transglutaminases, see TGM1 (MIM 190195).[supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2110 AF363393.1 1-2110 2111-2312 BX112796.1 167-368</p> <p>Alias Symbols: TGMZ</p> <p>Protein Size: 710</p> |
| Molecular Weight: | 80 kDa   |
| Gene ID:          | 116179   |
| NCBI Accession:   | <a href="#">NM_052955</a> , <a href="#">NP_443187</a>  |
| UniProt:          | <a href="#">Q96PF1</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 710 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 Advice:   | Avoid repeated freeze-thaw cycles.   |

Handling

|                  |   |
|------------------|---|
| 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-TGM7 Antibody Titration: 0.2-1 ug/ml Positive Control: 721\_B cell lysate