

# Datasheet for ABIN2783734

# anti-TREM2 antibody (Middle Region)

2 Images



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#### Overview

| Quantity:             | 100 μL   |
|-----------------------|--|
| Target:               | TREM2  |
| Binding Specificity:  | Middle Region  |
| Reactivity:           | Mouse, Human, Rat, Cow, Horse  |
| Host:                 | Rabbit   |
| Clonality:            | Polyclonal   |
| Conjugate:            | This TREM2 antibody is un-conjugated   |
| Application:          | Western Blotting (WB)  |
| Product Details       |  |
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human TREM2 |
| Sequence:             | FPGESESFED AHVEHSISRS LLEGEIPFPP TSILLLLACI FLIKILAASA                                 |
| Predicted Reactivity: | Cow: 83%, Horse: 92%, Human: 100%, Mouse: 77%, Rat: 85%                                |
| Characteristics:      | This is a rabbit polyclonal antibody against TREM2. It was validated on Western Blot.  |
| Purification:         | Affinity Purified  |
| Target Details        |  |
| Target:               | TREM2  |
| Alternative Name:     | TREM2 (TREM2 Products)   |
| Background:           | The protein encoded by this gene is a membrane protein that forms a receptor signaling |

| complex with TYROBP. The encoded protein may be involved in chronic inflammation by          |
|--|
| triggering the production of constitutive inflammatory cytokines. Defects in this gene are a |
| cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy        |
| (PLOSL).   |

Alias Symbols: TREM-2, Trem2a, Trem2b, Trem2c

Protein Interaction Partner: TYROBP,

Protein Size: 230

 Molecular Weight:
 25 kDa

 Gene ID:
 54209

 NCBI Accession:
 NM\_018965, NP\_061838

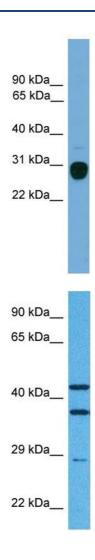
UniProt: Q9NZC2

## **Application Details**

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment:           | Antigen size: 230 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.  |
| 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. |



### **Western Blotting**

**Image 1.** WB Suggested Anti-TREM2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Muscle

#### **Western Blotting**

Image 2. Host: Rabbit Target Name: TREM2 Sample Tissue: Human Jurkat Whole Cell Antibody Dilution: 1ug/ml