

Datasheet for ABIN2783734  
**anti-TREM2 antibody (Middle Region)**



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2 Images

## 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:	FPGESSEFED 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 ( <a href="#">TREM2 Products</a> )
Background:	The protein encoded by this gene is a membrane protein that forms a receptor signaling

## Target Details

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:	<a href="#">NM_018965</a> , <a href="#">NP_061838</a>
UniProt:	<a href="#">Q9NZC2</a>

## 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