

For Research Use Only

# TREM1 Polyclonal antibody

Catalog Number: 30496-1-AP



## Basic Information

Catalog Number:

30496-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32967

GenBank Accession Number:

BC017773

GeneID (NCBI):

54210

UNIPROT ID:

Q9NP99

Full Name:

triggering receptor expressed on myeloid cells 1

Calculated MW:

234 aa, 26 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : THP-1 cells,

## Background Information

Triggering receptor expressed on myeloid cells 1 (TREM1, also known as CD354) is a member of the immunoglobulin superfamily, which is expressed on neutrophils and monocytes. TREM1 plays a role in the innate immune system. TREM1 amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

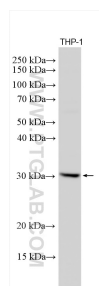
For technical support and original validation data for this product please contact:

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## Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 30496-1-AP (TREM1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.