

Rabbit Trem1 Polyclonal Antibody | anti-Trem1 antibody

Trem1 Antibody

CATALOG # AAA225772	HOST Rabbit	APPLICATIONS Immunohistochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Trem1; Polyclonal Antibody; Trem1 Antibody; Affinity Purified Rabbit Polyclonal Trem1 Antibody; Polyclonal Trem1 antibody; Anti-Trem1 antibody; Trem-1 antibody; Triggering receptor expressed on myeloid cells 1 antibody; Trem 1; Trem-1; Trem 1 antibody; anti-Trem1 antibody

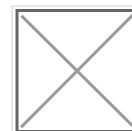
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Chromatography
Form/Format	Lyophilized Form
Sequence Length	225
Applicable Applications for anti-Trem1 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Trem1 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence in the middle of Rabbit Trem1 as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Lane 1: Recombinant Mouse TREM1 Protein 10ng; Lane 2: Recombinant Mouse TREM1 Protein 5ng; Lane 3: Recombinant Mouse TREM1 Protein 2.5ng


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Spleen Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-Trem1 antibody

Trem1 is encoded by the Trem1 gene. The expression of Trem1 is in monocytes and neutrophils but not in lymphocytes, dendritic cells, or other cell types. Trem1 is a 30-kD glycoprotein that is reduced to 26 kD by deglycosylation, in agreement with the predicted molecular mass. The Trem1 gene which contains 4 exons maps to chromosome 6p21.1, within a TREM gene cluster and the mouse Trem1 gene maps to chromosome 17 in a region that shows homology of synteny to human chromosome 6. The expression of Trem1 is upregulated by stimulation with lipopolysaccharide (LPS), gram-negative bacteria, and fungi. Cross-linking of Trem1 on neutrophils induces interleukin-8 (IL8) and myeloperoxidase secretion, while cross-linking on monocytes induces not only secretion of IL8 but also of monocyte chemotactic protein-1 (MCP1, or SCYA2) and tumor necrosis factor (TNF); MCP1 and TNF secretion could be further upregulated by LPS-mediated priming. Trem1 engagement also induces upregulation of adhesion molecules (e.g. ITGB1) and costimulatory molecules (e.g., CD40). Trem1 is associated with DAP12 (TYROBP), a molecule frequently associated with activating receptors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	336088680
NCBI GeneID	54210
NCBI GenBank Nucleotide #	NP_001229518.1
UniProt Accession #	Q9NP99
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1 isoform 2
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	TREM1
NCBI Official Synonym Symbols	CD354; TREM-1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1
UniProt Protein Name	Triggering receptor expressed on myeloid cells 1
UniProt Gene Name	TREM1
UniProt Synonym Gene Names	TREM-1
UniProt Entry Name	TREM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/trem1-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/225772>