Rabbit TMIGD1 Polyclonal Antibody | anti-TMIGD1 antibody

TMIGD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40570	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

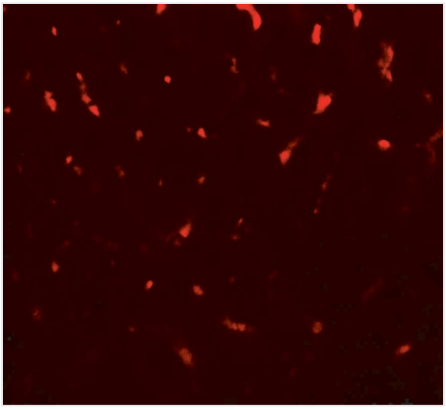
PRODUCT SYNONYMS

TMIGD1; Polyclonal Antibody; TMIGD1 Antibody; TMIGD; UNQ9372; UNQ9372/PRO34164; Transmembrane and immunoglobulin domain-containing protein 1; transmembrane and immunoglobulin domain containing 1; anti-TMIGD1 antibody

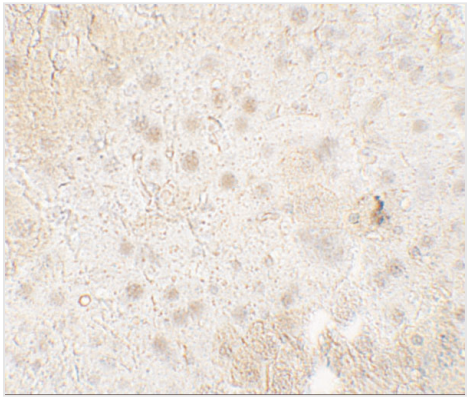
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TMIGD1 antibody is human, mouse and rat reactive. At least two isoforms of TMIGD1 are known to exist; this antibody will detect both isoforms.
Purity/Purification	TMIGD1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	262
Applicable Applications for anti-TMIGD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TMIGD1 antibody was raised against an 18 amino acid peptide near the center of human TMIGD1.
Buffer	TMIGD1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TMIGD1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

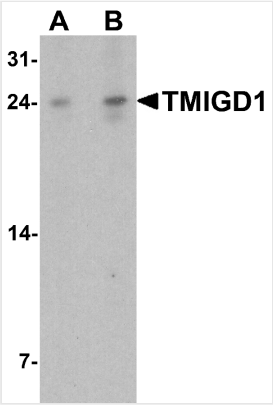
IMAGES



IF (Immunofluorescence)
Immunofluorescence of TMIGD1 in mouse liver tissue with TMIGD1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of TMIGD1 in mouse liver tissue with TMIGD1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of TMIGD1 in rat liver tissue lysate with TMIGD1 antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TMIGD1 antibody	TMIGD1 (transmembrane and immunoglobulin domain containing 1) is a 262 amino acid single-pass membrane protein that contains two Ig-like C2-type (immunoglobulin-like) domains (1,2). It is a nonsecreted, glycosylated protein located in the cytoplasm and cell membrane (1). TMIGD1 might be a possible cell-differentiation marker in the intestine, whose expression is lost during cellular transformation and promote progression of tumorigenesis in the intestinal epithelium (2-4). TMIGD1 has also been postulated to play a role in cell adhesion (2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	45592949
NCBI GeneID	388364
NCBI Accession #	NP_996663
NCBI GenBank Nucleotide #	NM_206832.1
UniProt Accession #	Q6UXZ0; Q6ZMC6; A8K2K1
Molecular Weight	Predicted: 29 kDa Observed: 24 kDa
NCBI Official Full Name	transmembrane and immunoglobulin domain-containing protein 1
NCBI Official Synonym Full Names	transmembrane and immunoglobulin domain containing 1

NCBI Official Symbol	TMIGD1
NCBI Official Synonym Symbols	TMIGD; UNQ9372
NCBI Protein Information	transmembrane and immunoglobulin domain-containing protein 1; AWKS9372
UniProt Protein Name	Transmembrane and immunoglobulin domain-containing protein 1
UniProt Gene Name	**TMIGD1**
UniProt Synonym Gene Names	TMIGD
UniProt Entry Name	TMIG1_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/tmigd1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40570