

Rabbit anti-Human, Mouse TMIGD2 Polyclonal Antibody | anti-TMIGD2 antibody

TMIGD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40568	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

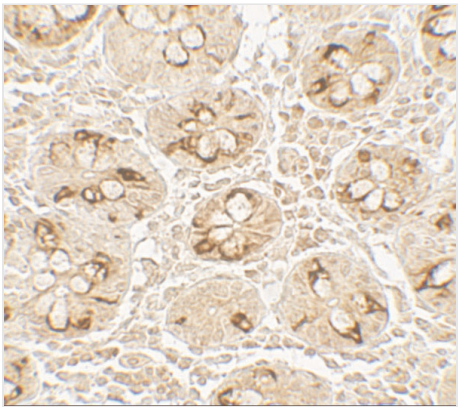
PRODUCT SYNONYMS

TMIGD2; Polyclonal Antibody; TMIGD2 Antibody; IGPR1; IGPR-1; UNQ3059/PRO9879; Transmembrane and immunoglobulin domain-containing protein 2; Immunoglobulin and proline-rich receptor 1; transmembrane and immunoglobulin domain containing 2; anti-TMIGD2 antibody

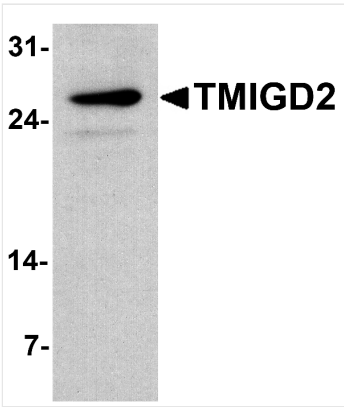
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TMIGD2 antibody is human and mouse reactive. At least three isoforms of TMIGD2 are known to exist; this antibody will detect all three. TMIGD2 antibody is predicted to not cross-react with TMIGD1.
Purity/Purification	TMIGD2 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	282
Applicable Applications for anti-TMIGD2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TMIGD2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human TMIGD2.
Buffer	TMIGD2 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TMIGD2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of TMIGD2 in human small intestine tissue with TMIGD2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of TMIGD2 in mouse small intestine tissue lysate with TMIGD2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TMIGD2 antibody	TMIGD2 (transmembrane and immunoglobulin domain containing 1), also known as immunoglobulin-containing and proline-rich receptor 1 (IGPR1), is novel adhesion molecule that is expressed in multiple tissues, primarily in cells of epithelium and endothelium origins (1). TMIGD2 is thought to be involved in angiogenesis and regulates cellular morphology, homophilic cell aggregation, and cell-cell interaction. TMIGD2 activity also modulates actin stress fiber formation and focal adhesion and reduces cell migration (1).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281306838
NCBI GeneID	126259
NCBI Accession #	NP_653216
NCBI GenBank Nucleotide #	NM_144615.2
UniProt Accession #	Q96BF3; Q6UW59
Molecular Weight	Predicted: 31 kDa Observed: 26 kDa
NCBI Official Full Name	transmembrane and immunoglobulin domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	transmembrane and immunoglobulin domain containing 2
NCBI Official Symbol	TMIGD2
NCBI Official Synonym Symbols	IGPR1; IGPR-1
NCBI Protein Information	transmembrane and immunoglobulin domain-containing protein 2; CD28 homolog; immunoglobulin and proline-rich receptor 1; immunoglobulin-containing and proline-rich receptor 1; transmembrane and immunoglobulin domain-containing protein 2 variant 2; transmembrane and immunoglobulin domain-containing protein 2 variant 3
UniProt Protein Name	Transmembrane and immunoglobulin domain-containing protein 2
UniProt Gene Name	TMIGD2
UniProt Synonym Gene Names	CD28H; IGPR1; IGPR-1
UniProt Entry Name	TMIG2_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://www.aaabiotech.com/polyclonal/tmigd2-antibody-immunohistochemistry-western-blot-elisa/40568>