

Rabbit anti-Human ROMO1 Polyclonal Antibody | anti-ROMO1 antibody

ROMO1 Rabbit pAb

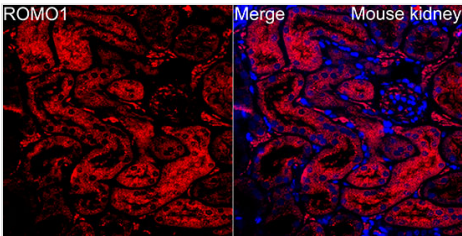
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28622	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

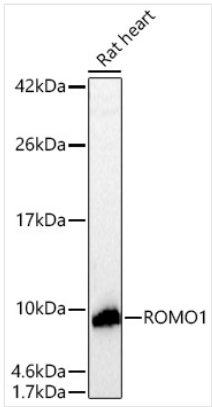
ROMO1; Polyclonal Antibody; ROMO1 Rabbit pAb; MTGM; MTGMP; C20orf52; bA353C18.2; anti-ROMO1 antibody

PRODUCT SPECIFICATIONS

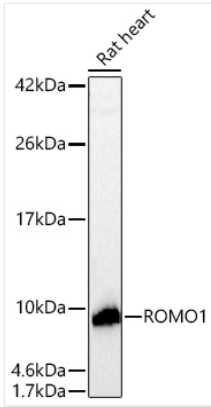
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MPVAVGPYQG SQPSCFDRVK MGFVMGCAVG MAAGALFGTF SCLRIGMRGR ELMGGIGKTM MQSGGTFGTF MAIGMGIRC
Applicable Applications for anti-ROMO1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IF/ICC: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-79 of human ROMO1(NP_542786.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



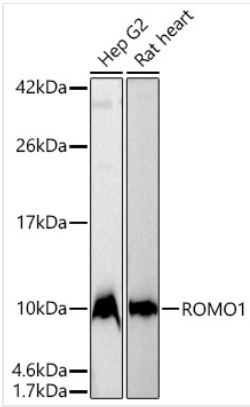
IF (Immunofluorescence)
Immunofluorescence analysis of paraffin-embedded Mouse kidney using ROMO1 Rabbit pAb(AAA28622) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



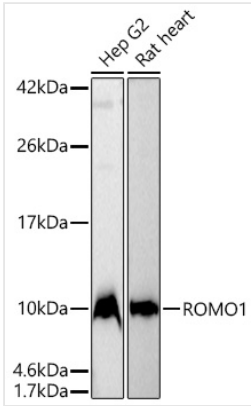
WB (Western Blot)
Western blot analysis of lysates from Rat heart using ROMO1 Rabbit pAb (AAA28622) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



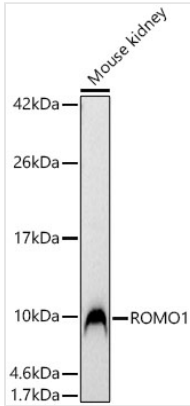
WB (Western Blot)
Western blot analysis of lysates from Rat heart cells using ROMO1 Rabbit pAb (AAA28622) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



WB (Western Blot)
Western blot analysis of various lysates using ROMO1 Rabbit pAb (AAA28622) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



WB (Western Blot)
Western blot analysis of various lysates using ROMO1 Rabbit pAb (AAA28622) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.



WB (Western Blot)
Western blot analysis of lysates from Mouse kidney using ROMO1 Rabbit pAb (AAA28622) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ROMO1 antibody	The protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage.
Product Categories/Family for anti-ROMO1 antibody	Cell biology; cell cycle; cell cycle inhibitors; Epigenetics and nuclear signaling: DNA/RNA damage and repair of DNA damage response; Signal transduction metabolism of mitochondria; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18152785
NCBI GeneID	140823
NCBI Accession #	NP_542786.1
NCBI GenBank Nucleotide #	NM_080748.2
UniProt Accession #	P60602; Q3MHD5; Q5QP16; Q9CQ98; Q9H1N2; A7M872; E1P5R9; E9KL28
Molecular Weight	Calculated MW: 8kDa Observed MW: 8kDa/10kDa/10kDa/8kDa/8kDa
UniProt Protein Name	Reactive oxygen species modulator 1
UniProt Gene Name	ROMO1
UniProt Synonym Gene Names	C20orf52; ROS modulator 1; MTGM
UniProt Entry Name	ROMO1_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/romo1-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/28622>