

Rabbit anti-Human MTMRF Polyclonal Antibody | anti-FAN1 antibody

MTMRF Antibody (N-term)

CATALOG # AAA283780	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

MTMRF; Polyclonal Antibody; MTMRF Antibody (N-term); Fanconi-associated nuclease 1; 3121-; FANCD2/FANCI-associated nuclease 1; Myotubularin-related protein 15; FAN1; KIAA1018; MTMR15; anti-FAN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MTMRF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-174 amino acids from the N-terminal region of human MTMRF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	146-174
Sequence Length	533
Applicable Applications for anti-FAN1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

MTMRF Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of MTMRF Antibody (N-term) in K562 cell line lysates (35ug/lane).MTMRF (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FAN1 antibody	MTMRF encodes a member of the myotubularin-related class 1 cysteine-based protein tyrosine phosphatases. The encoded protein may be catalytically inactive.
References	Kimura, K., et al. Genome Res. 16(1):55-65(2006) Suzuki, Y., et al. Genome Res. 14(9):1711-1718(2004) Alonso, A., et al. Cell 117(6):699-711(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	226246525
NCBI GeneID	22909
NCBI Accession #	NP_001139566.1; NP_001139567.1; NP_001139568.1; NP_055782.3
NCBI GenBank Nucleotide #	NM_001146094.1
UniProt Accession #	Q9Y2M0; Q86WU8; A8K4M2
Molecular Weight	114225
NCBI Official Full Name	fanconi-associated nuclease 1 isoform b
NCBI Official Synonym Full Names	FANCD2/FANCI-associated nuclease 1
NCBI Official Symbol	FAN1
NCBI Official Synonym Symbols	KMIN; hFAN1; MTMR15; KIAA1018
NCBI Protein Information	fanconi-associated nuclease 1
UniProt Protein Name	Fanconi-associated nuclease 1
UniProt Gene Name	FAN1
UniProt Synonym Gene Names	hFAN1
UniProt Entry Name	FAN1_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/mtmrf-antibody-flow-cytometry-western-blot-elisa/283780>