

Rabbit anti-Human, mouse IMP3 Polyclonal Antibody | anti-IMP3 antibody

IMP3 Antibody (C-term)

CATALOG # AAA289170	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

IMP3; Polyclonal Antibody; IMP3 Antibody (C-term); U3 small nucleolar ribonucleoprotein protein IMP3; U3 snoRNP protein IMP3; BRMS2; C15orf12; MRPS4; anti-IMP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-184 amino acids from the C-terminal region of human IMP3.
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	156-184
Sequence Length	184
Applicable Applications for anti-IMP3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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)

IMP3 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

IMP3 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IMP3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of IMP3 Antibody (C-term)（) in Hela cell line lysates (35ug/lane). IMP3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IMP3 antibody	This gene encodes the human homolog of the yeast Imp3 protein. The protein localizes to the nucleoli and interacts with the U3 snoRNP complex. The protein contains an S4 domain.
References	Li, D., et al. Ann. Surg. Oncol. 16(12):3499-3506(2009) Walter, O., et al. Hum. Pathol. 40(11):1528-1533(2009) Riener, M.O., et al. Hum. Pathol. 40(10):1377-1383(2009) Noske, A., et al. Int. J. Gynecol. Pathol. 28(3):203-210(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922794
NCBI GeneID	55272
NCBI Accession #	NP_060755.1
NCBI GenBank Nucleotide #	NM_018285.3
UniProt Accession #	Q9NV31; Q53G10; B3KQ67
Molecular Weight	21850
NCBI Official Full Name	U3 small nucleolar ribonucleoprotein protein IMP3
NCBI Official Synonym Full Names	IMP3, U3 small nucleolar ribonucleoprotein
NCBI Official Symbol	IMP3
NCBI Official Synonym Symbols	BRMS2; MRPS4; C15orf12
NCBI Protein Information	U3 small nucleolar ribonucleoprotein protein IMP3
UniProt Protein Name	U3 small nucleolar ribonucleoprotein protein IMP3
UniProt Gene Name	IMP3
UniProt Synonym Gene Names	C15orf12; MRPS4; U3 snoRNP protein IMP3
UniProt Entry Name	IMP3_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/imp3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289170>