

Rabbit IMP4 Polyclonal Antibody | anti-IMP4 antibody

IMP4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285706	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

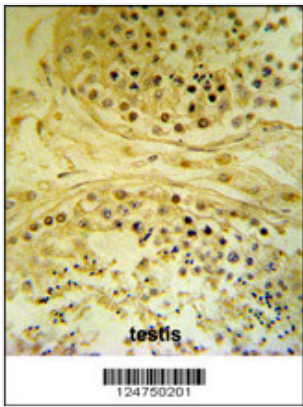
PRODUCT SYNONYMS

IMP4; Polyclonal Antibody; IMP4 Antibody (C-term); U3 small nucleolar ribonucleoprotein protein IMP4; U3 snoRNP protein IMP4; Brix domain-containing protein 4; BXDC4; anti-IMP4 antibody

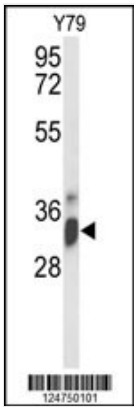
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IMP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-243 amino acids from the C-terminal region of human IMP4.
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	215-243
Sequence Length	291
Applicable Applications for anti-IMP4 antibody	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



IHC (Immunohistochemistry)
IMP4 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IMP4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of IMP4 Antibody (C-term) in Y79 cell line lysates (35ug/lane). IMP4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IMP4 antibody	IMP4 forms a ternary complex with IMP3 (MIM 612980) and MPP10 (MPHOSPHO10; MIM 605503) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing.
References	Hillier,L.W. Nature 434 (7034), 724-731 (2005) Andersen,J.S.Nature 433 (7021), 77-83 (2005) Granneman,S.Nucleic Acids Res. 31 (7), 1877-1887 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15529982
NCBI GeneID	92856
NCBI Accession #	NP_219484.1
NCBI GenBank Nucleotide #	NM_033416.1
UniProt Accession #	Q96G21; Q3ZTT3
Molecular Weight	33757
NCBI Official Full Name	U3 small nucleolar ribonucleoprotein protein IMP4
NCBI Official Synonym Full Names	IMP4, U3 small nucleolar ribonucleoprotein
NCBI Official Symbol	IMP4
NCBI Official Synonym Symbols	BXDC4
NCBI Protein Information	U3 small nucleolar ribonucleoprotein protein IMP4
UniProt Protein Name	U3 small nucleolar ribonucleoprotein protein IMP4
UniProt Gene Name	IMP4
UniProt Synonym Gene Names	BXDC4; U3 snoRNP protein IMP4
UniProt Entry Name	IMP4_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.

