

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

Rabbit anti-PIMT Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211163	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PIMT; Polyclonal Antibody; Rabbit anti-PIMT Antibody; Affinity Purified; trimethylguanosine synthase; PRIP-interacting protein with methyltransferase motif; PIPMT; nuclear receptor coactivator 6-interacting protein; NCOA6IP; hepatocellular carcinoma-associated antigen 137; cap-specific guanine-N2 methyltransferase; CLL-associated antigen KW-2; Trimethylguanosine synthase; trimethylguanosine synthase 1; anti-PIMT antibody

PRODUCT SPECIFICATIONS

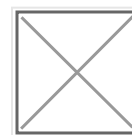
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PIMT antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



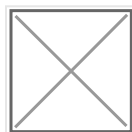
WB (Western Blot)

Detection of human PIMT by western blot. Samples: Whole cell lysate (50 ug) from RKO, A2058, SU-DHL-1, My-La CD4+, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PIMT antibody (AAA211163 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human PIMT by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from RKO cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PIMT antibody (AAA211163 lot 3) used for IP at 2 ug per reaction. PIMT was also immunoprecipitated by a previous lot of this antibody (AAA211163 lot 2) and a second antibody against a different epitope of PIMT. For blotting immunoprecipitated PIMT, AAA211163 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human PIMT by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- PIMT (AAA211163 Lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PIMT antibody	PIMT, also known as TGS1, was originally identified in yeast as a protein involved in RNA cap trimethylation and the transfer of methyl from S-adenosylmethionine to m7GTP and m7GDP.
Product Categories/Family for anti-PIMT antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	96764
UniProt Accession #	Q96RS0
UniProt Protein Name	Trimethylguanosine synthase
UniProt Gene Name	TGS1
UniProt Synonym Gene Names	HCA137; NCOA6IP; PIMT; PIMT; PIPMT
UniProt Entry Name	TGS1_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/pimt-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211163>