

Rabbit PTMA Polyclonal Antibody | anti-PTMA antibody

PTMA Polyclonal Antibody

CATALOG # AAA173061	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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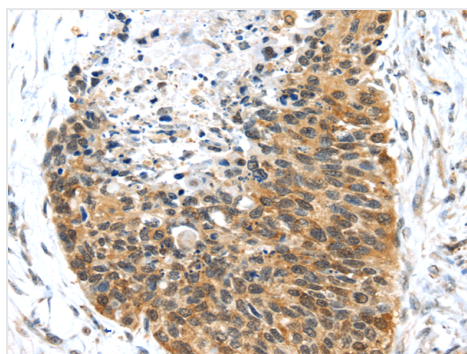
PRODUCT SYNONYMS

PTMA; Polyclonal Antibody; PTMA Polyclonal Antibody; TMSA; anti-PTMA antibody

PRODUCT SPECIFICATIONS

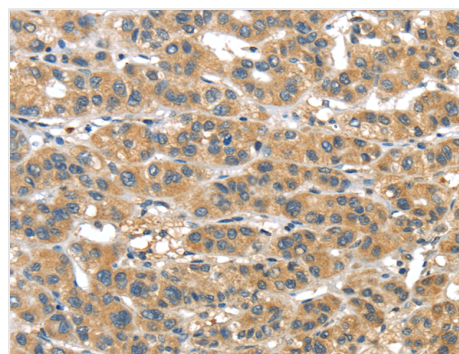
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.8mg/ml (varies by lot)
Sequence Length	256
Applicable Applications for anti-PTMA antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Full length fusion protein
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18205 / sc-30037
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PTMA Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PTMA Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-PTMA antibody	Prothymosin alpha (PTMA) is a nuclear protein possessing a number of cellular functions including cell survival. PTMA is identified to be localized in the nuclei of neurons, while it is found in both nuclei and cytoplasm in the astrocytes and microglia of adult brai. PTMA inhibits the neuronal necrosis induced by serum-free starvation or ischemia-reperfusion stress, which causes a rapid internalization of GLUT1/4, leading a decrease in glucose uptake and cellular ATP levels. Extensive research on PTMA showed that it is of clinical significance and potential medical use as they may serve as a molecular marker for cancer prognosis and/or as therapeutic agents for treating immunodeficiencies, autoimmune diseases and malignancies.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	185479430
NCBI Official Full Name	PtmA

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/ptma-antibody-immunohistochemistry-elisa/173061>