

Anti-Prothymosin alpha Antibody

Catalog #	Source	Reactivity	Applications
CPA4179	Rabbit	H, M, R, B, P	WB, IH
Description	Rabbit polyclonal antibody to Prothymosin alpha		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Prothymosin alpha. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Prothymosin alpha protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)		
Gene Symbol	PTMA		
Alternative Names	TMSA; Prothymosin alpha		
Entrez Gene	5757 (Human); 19231 (Mouse); 100359583, 29222 (Rat)		
SwissProt	P06454 (Human); P26350 (Mouse); P06302 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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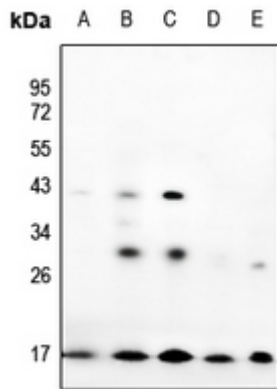
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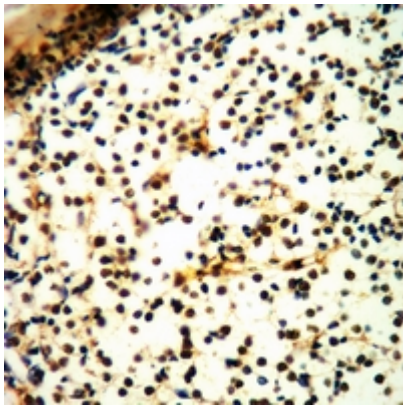
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Product Data Sheet



Western blot analysis of Prothymosin alpha expression in U87MG (A), Panc1 (B), HCT116 (C), rat testis (D), mouse brain (E) whole cell lysates. (Predicted band size: 12 kD; Observed band size: 17 kD)



Immunohistochemical analysis of Prothymosin alpha staining in human stomach cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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