

Product datasheet for **TA370096**

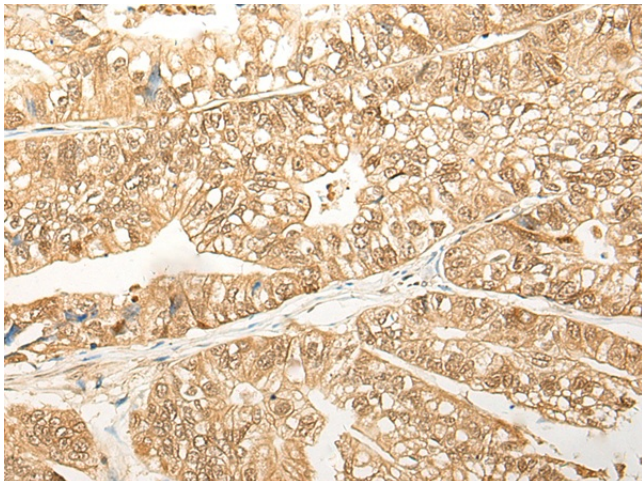
Proteasome subunit beta type 4 (PSMB4) Rabbit Polyclonal Antibody

Product data:

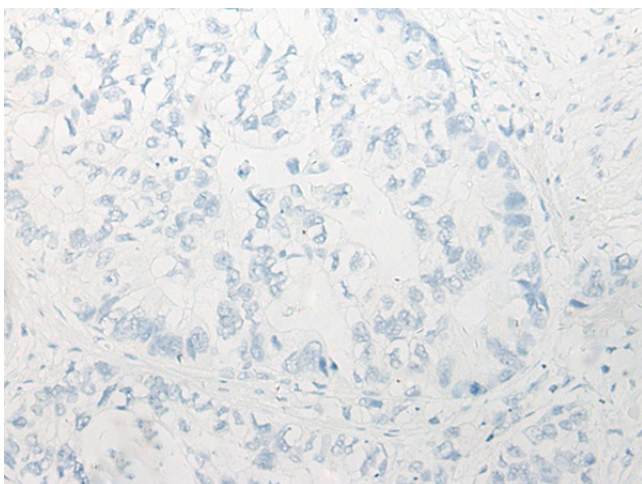
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human gastric cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PSMB4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	proteasome subunit beta 4
Database Link:	Entrez Gene 5692 Human P28070
Background:	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit.
Synonyms:	HN3; HsBPROS26; HsN3; PROS26



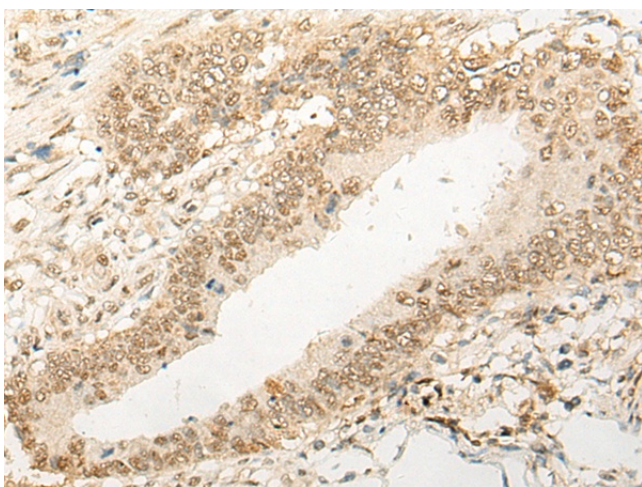
[View online »](#)

Product images:

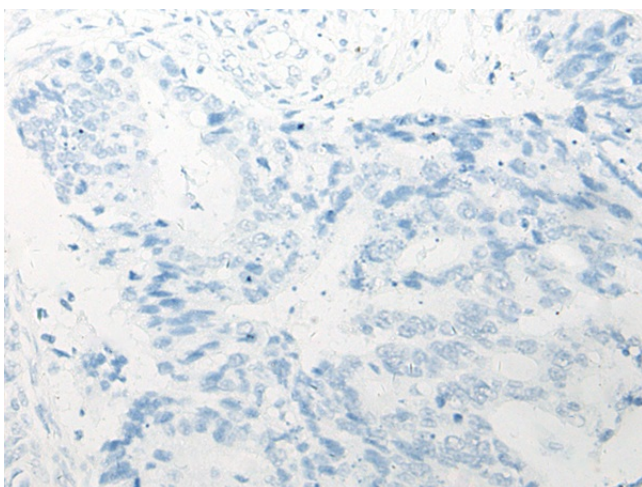
Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA370096 (PSMB4 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA370096 (PSMB4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA370096 (PSMB4 Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA370096 (PSMB4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)