

## Product datasheet for **TA369288**

### S4 (PSMC1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: 293T cells IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PSMC1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	49 kDa
Gene Name:	proteasome 26S subunit, ATPase 1
Database Link:	<a href="#">Entrez Gene 5700 Human P62191</a>

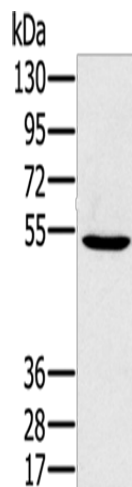
**Background:** The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits.



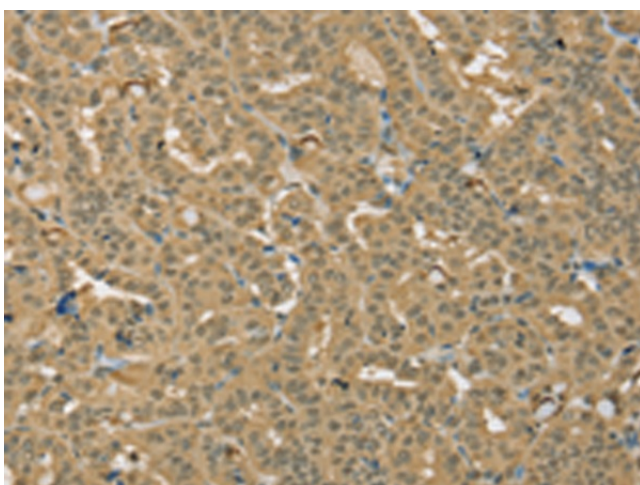
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Synonyms: MGC8541; MGC24583; P26S4; p56; S4

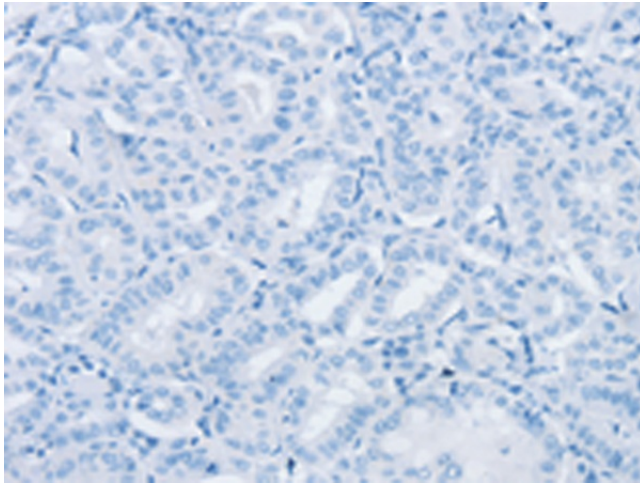
### Product images:



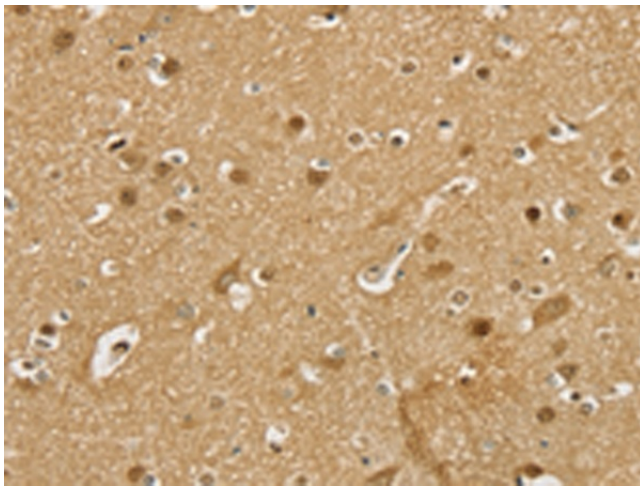
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: 293T cells  
Primary antibody: TA369288 (PSMC1 Antibody) at dilution 1/350  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 40 seconds



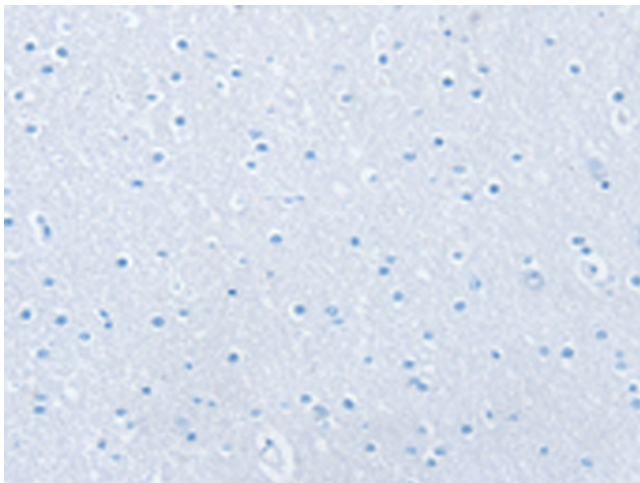
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369288 (PSMC1 Antibody) at dilution 1/25 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA369288 (PSMC1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA369288 (PSMC1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA369288 (PSMC1 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: ×200)