Datasheet for ABIN7142202

anti-PSMD11 antibody (Regulatory Subunit 11)

3 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	PSMD11
Binding Specificity:	AA 2-422, Regulatory Subunit 11
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD11 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human 26S proteasome non-ATPase regulatory subunit 11 protein (2-422AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PSMD11
Alternative Name:	PSMD11 (PSMD11 Products)
Background:	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

Target Details

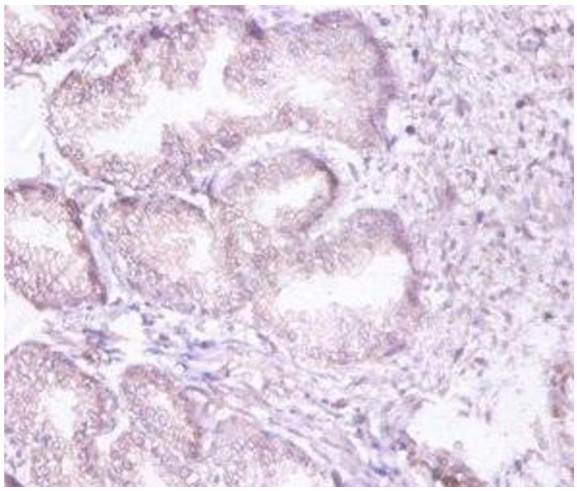
	composed of 4 rings of 28 non-identical subunits, 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits.Proteasomes 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 non-ATPase subunit of the 19S regulator. Aliases: 26S proteasome non-ATPase regulatory subunit 11 antibody, 26S proteasome regulatory subunit 9 antibody, 26S proteasome regulatory subunit p44.5 antibody, 26S proteasome regulatory subunit RPN6 antibody, 26S proteasome regulatory subunit S9 antibody, MGC3844 antibody, p44.5 antibody, protease 26S, subunit, 9 antibody, proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 antibody, proteasome 26S subunit, non-ATPase, 11 antibody, PSD11_HUMAN antibody, PSMD 11 antibody, PSMD11 antibody, Rpn6 antibody, S9 antibody
UniProt:	O00231
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

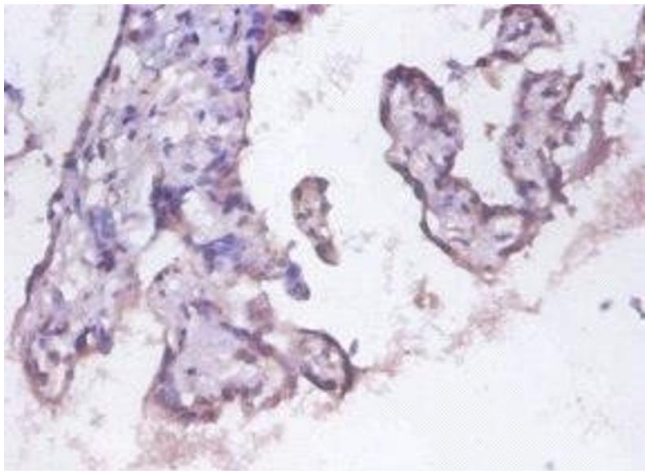
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



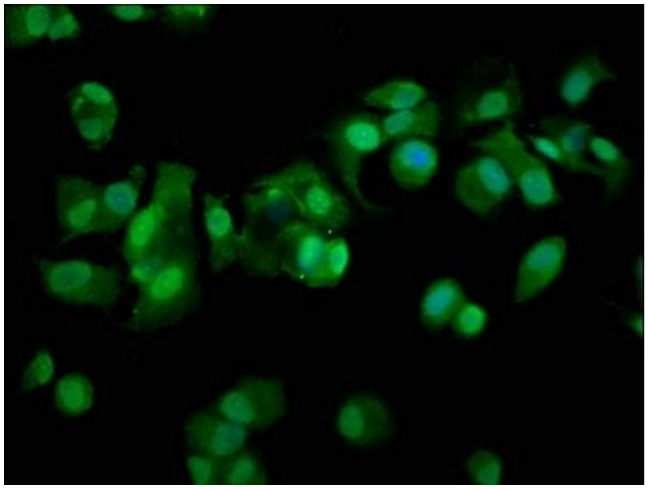
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate tissue using ABIN7142202 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7142202 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7142202 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

