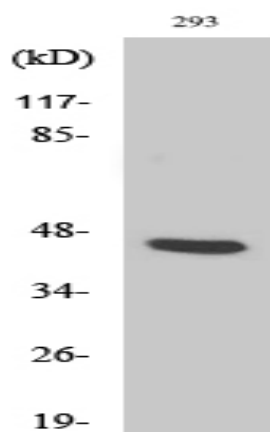


PSMD11 Polyclonal Antibody

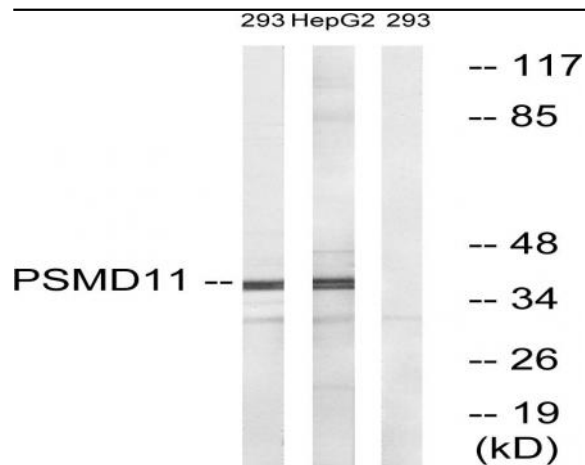
Catalog No :	YT3886
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	PSMD11
Fields :	>>Proteasome;>>Alzheimer disease;>>Parkinson disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Prion disease;>>Pathways of neurodegeneration - multiple diseases;>>Epstein-Barr virus infection
Gene Name :	PSMD11
Protein Name :	26S proteasome non-ATPase regulatory subunit 11
Human Gene Id :	5717
Human Swiss Prot No :	O00231
Mouse Gene Id :	69077
Mouse Swiss Prot No :	Q8BG32
Immunogen :	The antiserum was produced against synthesized peptide derived from human PSMD11. AA range:271-320
Specificity :	PSMD11 Polyclonal Antibody detects endogenous levels of PSMD11 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	42kD
Cell Pathway :	Proteasome;
Background :	<p>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. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq,</p>
Function :	<p>function:Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.,similarity:Belongs to the proteasome subunit S9 family.,similarity:Contains 1 PCI domain.,subunit:Component of the PA700 complex.,</p>
Subcellular Location :	Nucleus . Cytoplasm, cytosol .
Expression :	Highly expressed in embryonic stem cells (ESCs). Expression decreases as ESCs differentiate.

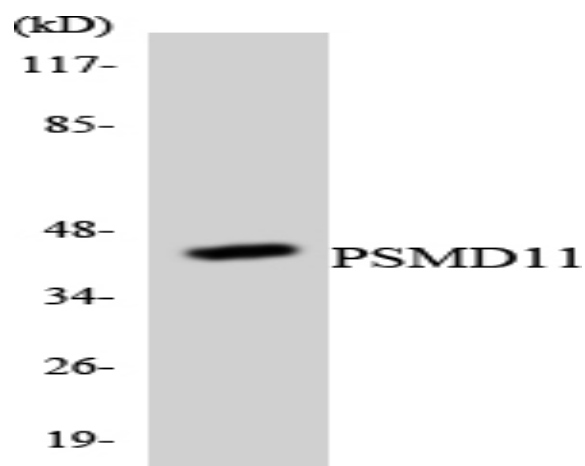
Products Images



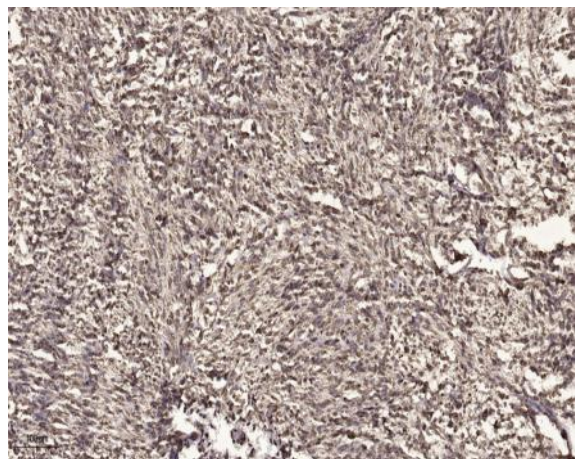
Western Blot analysis of various cells using PSMD11 Polyclonal Antibody



Western blot analysis of lysates from 293 and HepG2 cells, using PSMD11 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using PSMD11 antibody.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1, primary Antibody was diluted at 1:200 (4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval (>98° C, 20min). 3, Secondary antibody was diluted at 1:200