

PSMD2 antibody

Product Information

Catalog No.:	FNab06887
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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. 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 one of the non-ATPase subunits of the 19S regulator lid. In addition to participation in proteasome function, this subunit may also participate in the TNF signalling pathway since it interacts with the tumor necrosis factor type 1 receptor. A pseudogene has been identified on chromosome 1. Alternative splicing results in multiple transcript variants of this gene.

Immunogen information

Immunogen:	proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
Synonyms:	26S proteasome non-ATPase regulatory subunit 2 26S proteasome regulatory subunit RPN1 26S proteasome regulatory subunit S2 26S proteasome subunit p97 Protein 55.11 Tumor necrosis factor type 1 receptor-associated protein 2 PSMD2 TRAP2
Observed MW:	108 kDa

Uniprot ID : Q13200

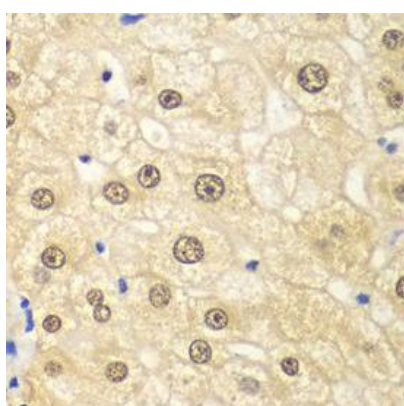
Application

Reactivity: Human, Mouse

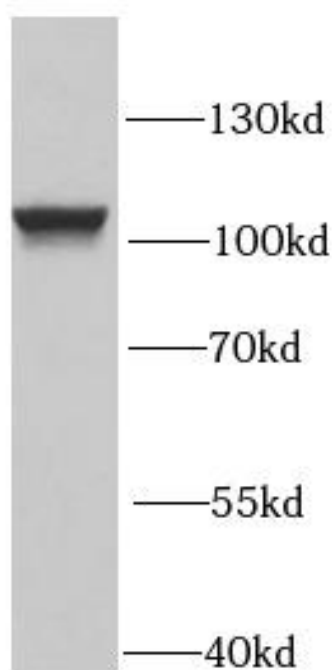
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human liver injury using FNab06887(PSMD2 antibody) at dilution of 1:100



SW480 cells were subjected to SDS PAGE followed by western blot with FNab06887(PSMD2 antibody) at dilution of 1:1000