

PSMA7 antibody

Product Information

Catalog No.:	FNab06866
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 proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Plays an important role in the regulation of cell proliferation or cell cycle control, transcriptional regulation, immune and stress response, cell differentiation, and apoptosis. Interacts with some important proteins involved in transcription factor regulation, cell cycle transition, viral replication and even tumor initiation and progression. Inhibits the transactivation function of HIF-1A under both normoxic and hypoxia-mimicking conditions. The interaction with EMAP2 increases the proteasome-mediated HIF-1A degradation under the hypoxic conditions. Plays a role in hepatitis C virus internal ribosome entry site-mediated translation. Mediates nuclear translocation of the androgen receptor(AR) and thereby enhances androgen-mediated transactivation. Promotes MAVS degradation and thereby negatively regulates MAVS-mediated innate immune response.

Immunogen information

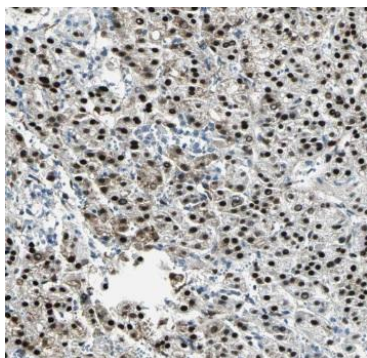
Immunogen:	proteasome(prosome, macropain) subunit, alpha type, 7
Synonyms:	Proteasome subunit alpha type-7 Proteasome subunit RC6-1 Proteasome subunit XAPC7 PSMA7 HSPC
Observed MW:	28-30 kDa
Uniprot ID :	O14818

Application

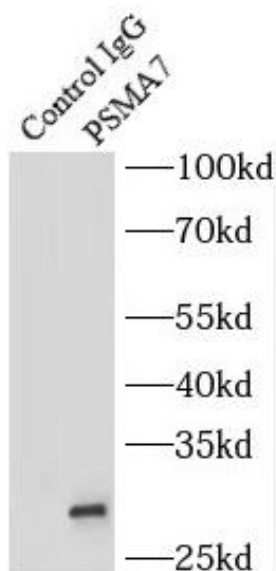
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, FC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

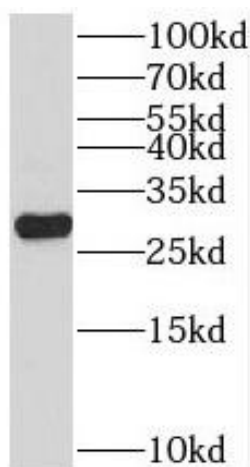
Image:



Immunohistochemistry of paraffin-embedded human liver cancer using FNab06866(PSMA7 antibody) at dilution of 1:50



IP Result of anti-PSMA7 (IP:FNab06866, 4ug; Detection:FNab06866 1:500) with mouse brain tissue lysate 4000ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06866(PSMA7 antibody) at dilution of 1:1000