

Nur für Forschungszwecke

PSMB7 Polyklonaler Antikörper

Katalog-Nr.:30283-1-AP



Allgemeine Informationen

Katalog-Nr.: 30283-1-AP	GenBank-Zugangsnummer: BC000509	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 550 µg/ml von Nanodrop;	GeneID (NCBI): 5695	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: proteasome (prosome, macropain) subunit, beta type, 7	
Isotyp: IgG	Berechnete Masse: 29.9 kDa	
Immunogen Katalognummer: AG32201	Beobachtete Masse: 30 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, HepG2-Zellen, Mausnierengewebe, Maus-Skelettmuskelgewebe, MCF-7-Zellen, Rattennierengewebe, Rattenskelettmuskelgewebe

IHC : humanes Kolonkarzinomgewebe,

Hintergrundinformationen

The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. PSMB7 protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Expression of this catalytic subunit is downregulated by gamma interferon, and proteolytic processing is required to generate a mature subunit. Component of the 20S core proteasome complex are involved in the proteolytic degradation of most intracellular proteins. PSMB7 displays a trypsin-like activity.(PMID:15244466, PMID:27176742, PMID: 8610016)

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

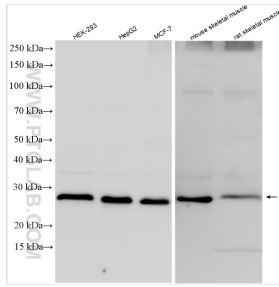
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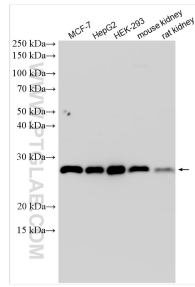
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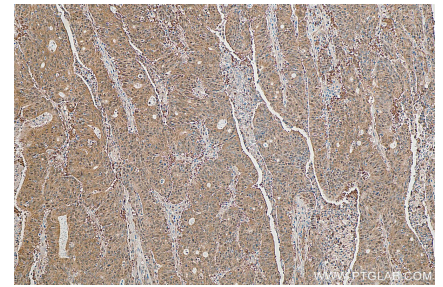
Ausgewählte Validierungsdaten



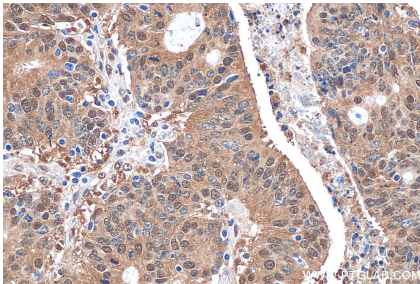
Various lysates were subjected to SDS PAGE followed by western blot with 30283-1-AP (PSMB7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 30283-1-AP (PSMB7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 30283-1-AP (PSMB7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 30283-1-AP (PSMB7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).