

## Product datasheet

# Anti-PSMA7 antibody ab97565

1 Abreviews 2 图像

### 概述

产品名称	Anti-PSMA7抗体
描述	兔多克隆抗体to PSMA7
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow, Zebrafish
免疫原	Recombinant fragment corresponding to Human PSMA7 aa 1-175. Database link: <a href="#">O14818</a>
阳性对照	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 and Raji cell lysates IHC-P: DLD-1 xenograft

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 1.21% Tris, 0.75% Glycine
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab97565** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 28 kDa.

应用	Ab评论	说明
IHC-P		1/100 - 1/500.

## 靶标

### 功能

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.

### 序列相似性

Belongs to the peptidase T1A family.

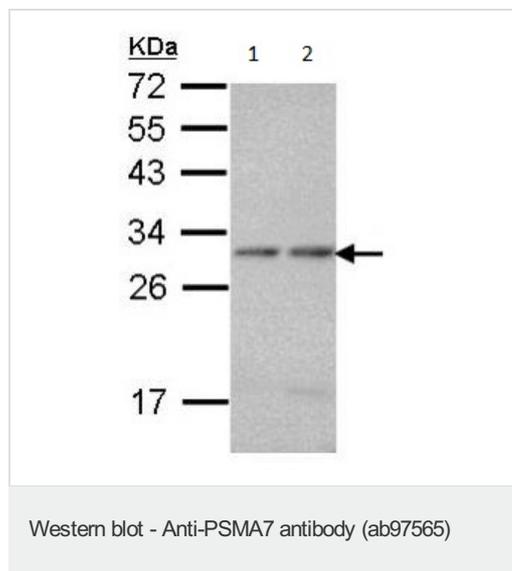
### 翻译后修饰

Phosphorylation by ABL1 or ABL2 leads to an inhibition of proteasomal activity and cell cycle transition blocks.

### 细胞定位

Cytoplasm. Nucleus.

## 图片



**All lanes :** Anti-PSMA7 antibody (ab97565) at 1/1000 dilution

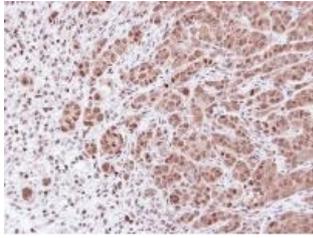
**Lane 1 :** A431 whole cell lysate

**Lane 2 :** H1299 whole cell lysate

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 28 kDa

12% SDS PAGE



ab97565, at a 1/100 dilution, staining PSMA7 in a paraffin-embedded DLD-1 xenograft by Immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PSMA7 antibody (ab97565)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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