Product Datasheet

PSMD11 Antibody

Catalog No: #34307

Package Size: #34307-1 50ul #34307-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

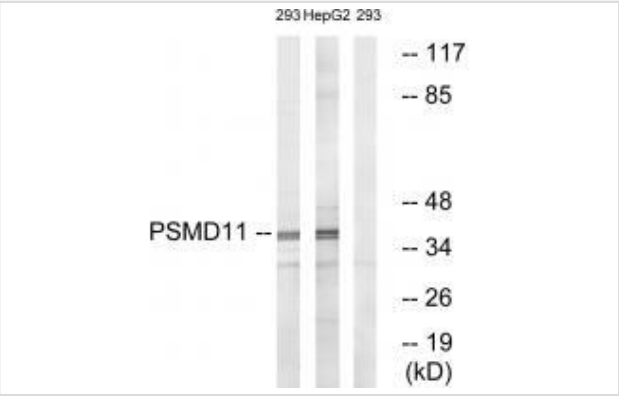
Description

Product Name	PSMD11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PSMD11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PSMD11.
Target Name	PSMD11
Other Names	26S proteasome non-ATPase regulatory subunit 11; 26S proteasome regulatory subunit p44.5; 26S proteasome regulatory subunit S9; PSD11;
Accession No.	Swiss-Prot: O00231NCBI Gene ID: 5717
Uniprot	O00231
GeneID	5717;
SDS-PAGE MW	42kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 293 cells and HepG2 cells, using PSMD11 antibody #34307.

Background

Component of the lid subcomplex of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. In the complex, PSMD11 is required for proteasome assembly. Plays a key role in increased proteasome activity in embryonic stem cells (ESCs): its high expression in ESCs promotes enhanced assembly of the 26S proteasome, followed by higher proteasome activity.

Hoffman L., FEBS Lett. 404:179-184(1997).

Saito A., Gene 203:241-250(1997).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only