



PSDE mouse mAb

Catalog No	YP-mAb-11968
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PSMD14 POH1
Immunogen	Synthesized peptide derived from human PSDE AA range: 152-202
Specificity	This antibody detects endogenous levels of PSDE at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PSMD14;26S proteasome non-ATPase regulatory subunit 14;26S proteasome-associated PAD1 homolog 1;EC:3.4.19.-;PAD1;PSDE;PSMD14 POH1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	proteasome complex,nucleus,nucleoplasm,cytosol,proteasome regulatory particle, lid subcomplex,proteasome accessory complex,cytosolic proteasome complex,extracellular exosome,
Tissue Specificity	Widely expressed. Highest levels in heart and skeletal muscle.
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., function:Metalloprotease component of the 26S proteasome that specifically cleaves 'Lys-63'-linked polyubiquitin chains. The 26S proteasome is involved in the ATP-dependent degradation of ubiquitinated proteins. The function of the 'Lys-63'-specific deubiquitination of the proteasome is unclear.,similarity:Belongs to the peptidase M67A family. PSMD14 subfamily.,similarity:Contains 1 MPN (JAB/Mov34) domain.,subunit:Component of the 19S regulatory cap of the 26S proteasome.,tissue specificity:Widely expressed. Highest levels in heart and skeletal muscle.,



Background

This gene encodes a component of the 26S proteasome. The 26S proteasome is a large multiprotein complex that catalyzes the degradation of ubiquitinated intracellular proteins. The encoded protein is a component of the 19S regulatory cap complex of the 26S proteasome and mediates substrate deubiquitination. A pseudogene of this gene is also located on the long arm of chromosome 2. [provided by RefSeq, Feb 2012],

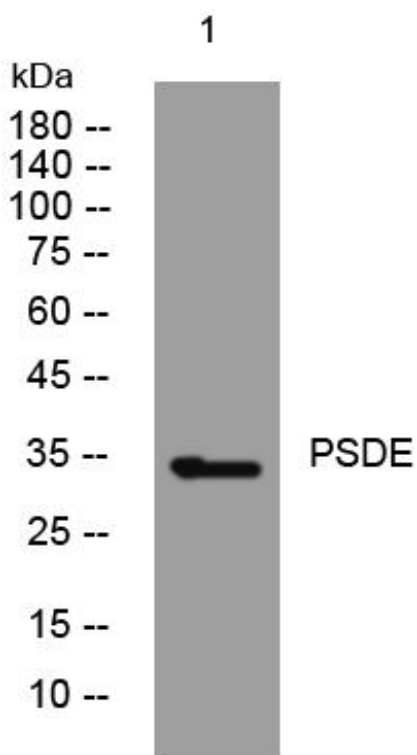
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PSDE mouse mAb