

For Research Use Only

# POMP Recombinant antibody, PBS Only

Catalog Number: 83607-6-PBS

Featured Product



## Basic Information

Catalog Number:

83607-6-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6987

GenBank Accession Number:

BC003390

GeneID (NCBI):

51371

UNIPROT ID:

Q9Y244

Full Name:

proteasome maturation protein

Calculated MW:

16 kDa

Observed MW:

16 kDa

Purification Method:

Protein A purification

CloneNo.:

240563D7

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

## Background Information

Proteasome maturation protein(POMP), is an essential factor of mammalian proteasome biogenesis. It facilitates the main steps in 20S core complex formation at the ER to coordinate the assembly process and to provide cells with freshly formed proteasomes at their site of function. A single nucleotide deletion in this gene causes an autosomal recessive skin disorder, keratosis linearis with ichthyosis congenita and sclerosing keratoderma (KLICK) syndrome.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

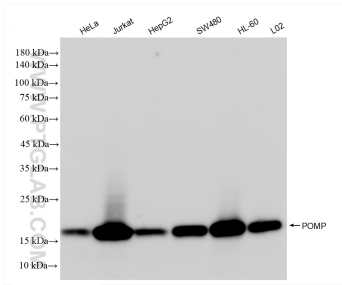
T: 4006900926

E: Proteintech-CN@ptglab.com

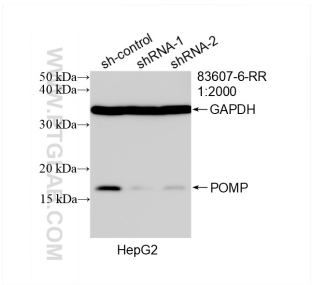
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

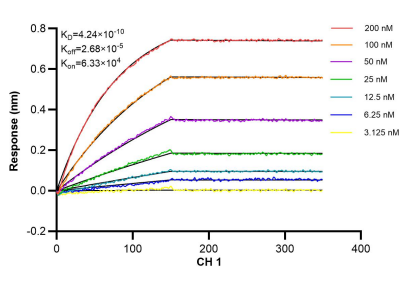
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83607-6-RR (POMP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83607-6-PBS in a different storage buffer formulation.



WB result of POMP antibody (83607-6-RR; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-POMP transfected HepG2 cells. This data was developed using the same antibody clone with 83607-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83607-6-RR against Human POMP were performed. The affinity constant is 0.424 nM.