

For Research Use Only

# STEAP4 Monoclonal antibody, PBS Only

Catalog Number: 68465-1-PBS



## Basic Information

Catalog Number:

68465-1-PBS

Concentration:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30137

GenBank Accession Number:

BC020600

GeneID (NCBI):

79689

UNIPROT ID:

Q687X5

Full Name:

STEAP family member 4

Calculated MW:

52 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

2A12G6

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

## Background Information

STEAP4 (also called STAMP2), is a member of the STEAP family. Structurally, It is a 459 amino acid protein characterized by a molecular topology of six transmembrane domains. The cytoplasmic N-terminal domain of STEAP4 shows structural similarity with bacterial and archaeal FNO oxidoreductase and STEAP4 exhibits a strong iron reductase activity. Studies in mice and human suggest that STEAP4 maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression.

## 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:

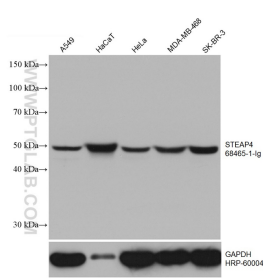
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

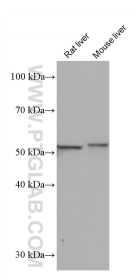
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68465-1-Ig (STEAP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68465-1-PBS in a different storage buffer formulation.



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