

For Research Use Only

# STEAP2 Polyclonal antibody

Catalog Number: 20201-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

20201-1-AP

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_152999

GeneID (NCBI):

261729

UNIPROT ID:

Q8NFT2

Full Name:

six transmembrane epithelial antigen  
of the prostate 2

Calculated MW:

56 kDa

Observed MW:

48-52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells, DU 145 cells, fetal  
human brain tissue, mouse kidney tissue

## Background Information

STEAP2, also named as PCANAP1 and STAMP1, belongs to the STEAP family. It is a metalloredutase that has the ability to reduce both Fe<sup>3+</sup> to Fe<sup>2+</sup> and Cu<sup>2+</sup> to Cu<sup>1+</sup>. STEAP2 uses NAD<sup>+</sup> as acceptor. The antibody is specific to STEAP2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dong Zhang	36316642	Cancer Biol Ther	WB
Haruki Hasegawa	29940176	Exp Cell Res	WB
Yue Zhu	35436987	Cell Death Dis	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

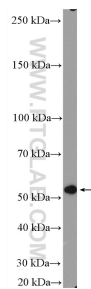
T: 4006900926

E: Proteintech-CN@ptglab.com

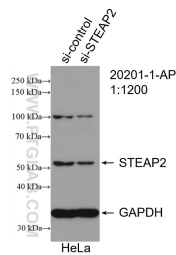
W: ptgcn.com

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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 20201-1-AP (STEAP2-Specific antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of STEAP2-Specific antibody (20201-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-STEAP2-Specific transfected HeLa cells.