

For Research Use Only

# SHPK Polyclonal ANTIBODY



Catalog Number: 12441-1-AP

## Basic Information

**Catalog Number:**

12441-1-AP

**Size:**

150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3150

**GenBank Accession Number:**

BC020543

**GeneID (NCBI):**

23729

**Full Name:**

sedoheptulokinase

**Calculated MW:**

478 aa, 52 kDa

**Observed MW:**

52 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2400

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Species Specificity:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB: HEK-293 cells, human heart tissue

IHC: human prostate cancer,

## Background Information

### Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

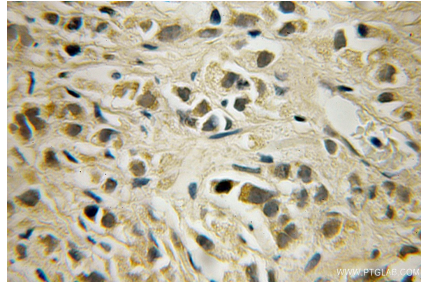
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12441-1-AP (SHPK antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12441-1-AP (SHPK antibody) at dilution of 1:50 (under 10x lens).