

## THP (V378) polyclonal antibody

Catalog: BS2944

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

Tamm-Horsfall glycoprotein (also referred to as uromodulin or THP) is the most abundant protein found in normal urine. THP is expressed on the luminal surface of the membrane with the glycosyl phosphatidylinositol (GPI) anchor and excreted in urine at a rate of 50-100 mg per day. THP, uropontin and nephrocalcin are the three known urinary glycoproteins that affect the formation of calcium-containing kidney stones. THP is synthesized by kidney epithelial cells and is believed to play important and diverse roles in the urinary system, including renal water balance, immunosuppression, urinary stone formation and inhibition of bacterial adhesion. THP is nontoxic and blocks early events required for normal T cell proliferation in vitro.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 70 kDa

### Swiss-Prot:

P07911

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

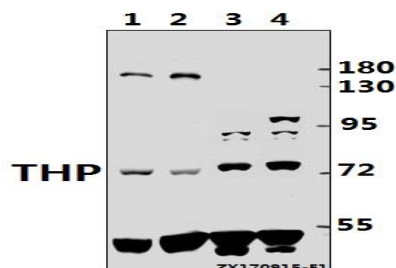
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

THP (V378) polyclonal antibody detects endogenous levels of THP protein.

### DATA:



Western blot (WB) analysis of THP (V378) pAb at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:HeLa whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(20ug)

Lane4:K562 whole cell lysate(20ug)

### Note:

For research use only, not for use in diagnostic procedure.

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