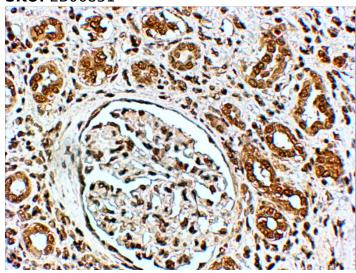


Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-VPS41 ANTIBODY**

**SKU:** EB06831



## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Instructions

Aliquot and store at -20°C. Minimize freezing and thawing.

**Alias** 

Synonym / vacuolar protein sorting 41|hVps41p|HVPS41|vacuolar protein sorting 41 homolog (S. cerevisiae)|vacuolar protein sorting 41 (yeast homolog)|vacuolar assembly protein 41|HVSP41|HGNC:12713|vacuolar protein

**Names** 

sorting 41 (yeast)|VPS41

Accession

ID

NP\_055211.2; NP\_542198.2

**Blocking Peptide** 

EBP06831

**Immunogen** 

Peptide with sequence C-DHLKKDSQNKTLLK, from the internal region of the protein sequence according to NP\_055211.2; NP\_542198.2.

**Product** Comments

This antibody is expected to recognise both reported isoforms (NP\_055211.2 and NP\_542198.2)

**Peptide** 

C-DHLKKDSQNKTLLK **Sequence** 

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





Telephone: (650) 697-3600



Shipping Instructions

Refrigerated

Human

27072

Predicted

Species Hur

Human, Mouse, Rat, Dog, Cow

Reactive

Species

Human

Gene ID

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

**IHC Results** 

In paraffin embedded Human Kidney shows staining of collective tubules. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Placenta and Prostate. Recommended concentration: 3.75µg/ml.

**ELISA** 

Detection Limit

Western

Blot

Antibody detection limit dilution 1:16000.

Preliminary experiments gave bands at approx 48kDa and 28kDa in human duodenum, kidney and placenta

lysates after  $1\mu g/ml$  antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 98.5kDa according to NP\_055211.1 and 100kDa according to NP\_542198.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other

proteins to explain the additional bands).

**Application** 

Type

Pep-ELISA, IHC

## **GALLERY IMAGES**

