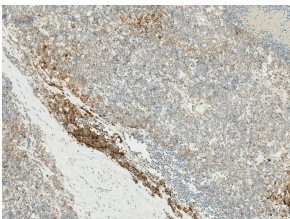


## Anti-VPS34 Antibody (A304952)

### Specifications:

Name:	Anti-VPS34 Antibody
Description:	Rabbit polyclonal antibody to VPS34.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100, IHC: 1:50
Reactivity:	Human, Mouse, Rat
Immunogen:	Synthetic peptide from the N-terminal of Human PI 3 Kinase Class 3.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Peptide affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	~101.5 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

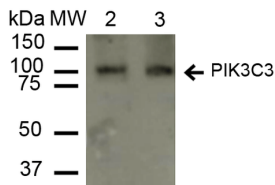
### Images:



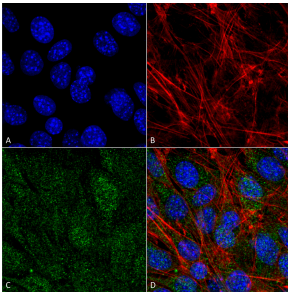
Immunohistochemistry analysis of human bladder, fixed in formalin and paraffin-embedded. The Primary Antibody used was Anti-VPS34 Antibody (A304952) at 1:50 for 30 minutes at room temperature. Counterstain: Hematoxylin. Magnification: 10X. HRP-DAB Detection.

## Anti-VPS34 Antibody (A304952)

Images continued:



Western blot analysis of rat, mouse liver cell lysates showing detection of ~101.5 kDa PI 3 Kinase Class 3 protein using Anti-VPS34 Antibody (A304952) at 1:1,000 for 2 hours at room temperature. Lane 1: Molecular Weight Ladder (MW). Lane 2: rat liver cell lysates. Lane 3: mouse liver cell lysates. Load: 15  $\mu$ g. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 minutes at room temperature. Color Development: ECL solution for 6 min in room temperature. Predicted/Observed Size: ~101.5 kDa.



Immunocytochemistry/Immunofluorescence analysis of mouse C2C12 Cells (mouse myoblast cell line), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-VPS34 Antibody (A304952), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:200 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Midbody, Late Endosome, Cytoplasmic Vesicle, Autophagosome. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) PI 3 Kinase Class 3 antibody (D) Composite.