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Datasheet for ABIN5539891

## anti-VPS16 antibody (Internal Region)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	VPS16
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This VPS16 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### Product Details

Purpose:	VPS16 (isoform 1)
Sequence:	KESQKADEYL REIQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform 1 (NP_072097.2) only.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	VPS16
Alternative Name:	VPS16 ( <a href="#">VPS16 Products</a> )
Background:	VPS16, vacuolar protein sorting 16 homolog ( <i>S. cerevisiae</i> ), hVPS16, OTTHUMP00000030047, OTTHUMP00000030048, vacuolar protein sorting protein 16, vacuolar protein sorting-associated protein 16 homolog
Gene ID:	64601, 80743, 296159
NCBI Accession:	<a href="#">NP_072097</a>

## Application Details

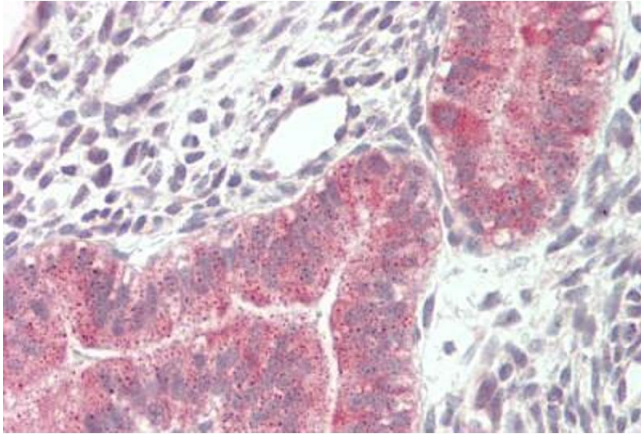
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Application Notes:	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 5 µg/mL. Western Blot: Approx 100 kDa band observed in lysates of cell lines HepG2, HeLa and Jurkat and in lysates of Mouse Spleen and Rat Thymus (calculated MW of 94.7 kDa according to NP_072097.2). Recommended concentration: 0.1-0.3 µg/mL. Primary incubation was 1 Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

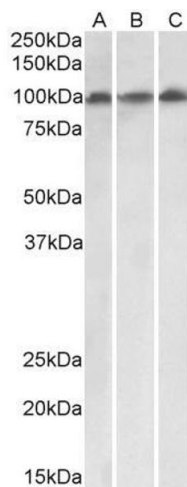
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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Immunohistochemistry

**Image 1.** ABIN5539891 (5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN5539891 (0.1µg/ml) staining of HeLa (A), HepG2 (B) and Jurkat (C) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



### Western Blotting

**Image 3.** ABIN5539891 (0.1µg/ml) staining of Mouse Spleen lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.