



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09792 - Goat Anti-SNX1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HsT17379, MGC8664, SNX1A, sorting nexin 1, sorting nexin 1A, Vps5, SNX1

**Official Symbol:** SNX1

**Accession Number(s):** NP\_003090.2; NP\_690039.1

**Human GeneID(s):** [6642](#)

**Non-Human GeneID(s):** 56440 (mouse), 84471 (rat)

**Important Comments:** This antibody is expected to recognize isoform a and c (NP\_003090.2; NP\_690039.1).

### Immunogen

Peptide with sequence C-TNSSKPQPTYEELE, from the internal region of the protein sequence according to NP\_003090.2; NP\_690039.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

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

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 75kDa band observed in lysates of cell lines HeLa and U2OS (calculated MW of 59.1kDa according to NP\_003090.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-1µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** In paraffin embedded Human Uterus shows vesicular staining in the cytoplasm of endometrial epithelium. Recommended concentration, 3-5µg/ml.

**Immunocytochemistry:** Vesicular staining of SNX1 (green) in formaldehyde-fixed SH5Y5Y. Recommended concentration, 3-5µg/ml.

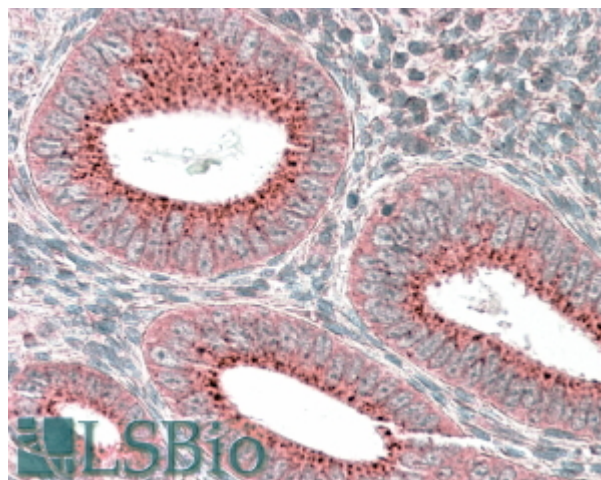
### Species Reactivity

**Tested:** Human

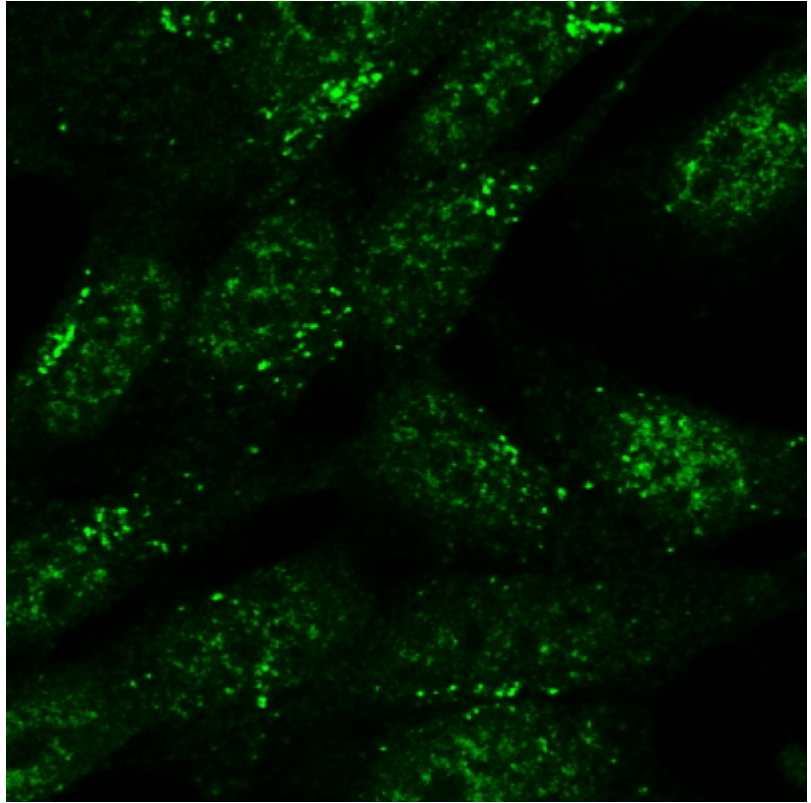
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB09792 (1 $\mu$ g/ml) staining of HeLa (A) and (0.1 $\mu$ g/ml) U2OS (B) cell lysate (35 $\mu$ g protein in RIPA buffer).. Detected by chemiluminescence.



EB09792 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09792 (5ug/ml) staining of formaldehyde-fixed SH5Y5Y and detected with Alexa 488 in confocal microscopy.  
Data obtained from Dr. Schallburg Nielsen, Aarhus University Denmark.