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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 GenelD(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: 0.1-1 μ g/ml. Primary incubation 1 hour at room temperature.

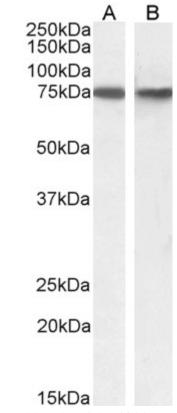
IHC: In paraffin embedded Human Uterus shows vesicular staining in the cytoplasm of endometrial epithelium. Recommended concentration, 3-5µg/ml.

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

Species Reactivity

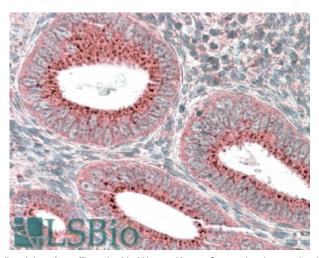
Tested: Human

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

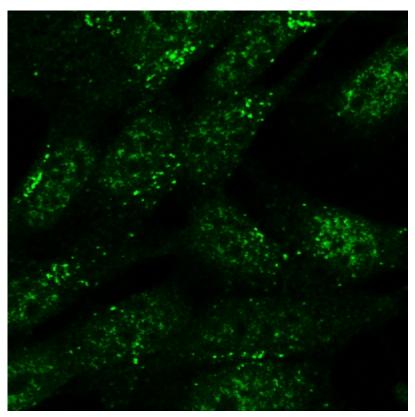


EB09792 (1μg/ml) staining of HeLa (A) and (0.1ug/ml) U2OS (B) cell lysate (35μg protein in RIPA buffer)..

Detected by chemiluminescence.



EB09792 (3.8µg/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.