

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05904 - Goat Anti-SNX16 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SNX16, sorting nexin 16, DKFZp666H147

Official Symbol: SNX16

Accession Number(s): NP_071416.2; NP_690049.1; NP_690050.1

Human GenelD(s): 64089

Non-Human GenelD(s): 74718 (mouse), 64088 (rat)

Important Comments: This antibody is expected to recognise both isoform a

(NP_071416.2; NP_690049.1) and isoform b (NP_690050.1).

Immunogen

Peptide with sequence ATPYVPVPMPIGN-C, from the N Terminus of the protein sequence according to NP_071416.2; NP_690049.1; NP_690050.1.

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 38kDa band observed in lysates of cell line Daudi (calculated MW of 39.2kDa according to NP_071416.2). In transfected HEK293 transiently expressing SNX16 a band of approx. 40kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.05-0.2μg/ml. IHC: Paraffin embedded Human Placenta, Tonsil and Breast. Recommended

concentration: 3.75µg/ml.

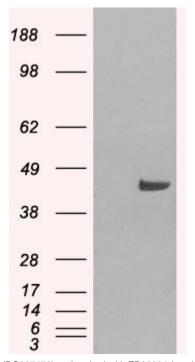
Species Reactivity

Tested: Human

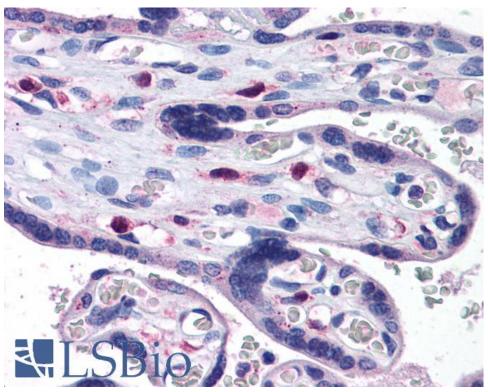
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



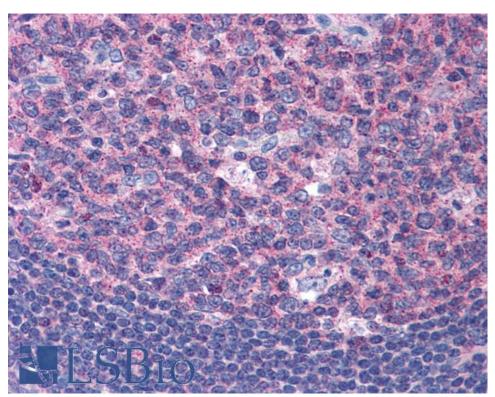
EB05904 ($0.05\mu g/ml$) staining of Daudi lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



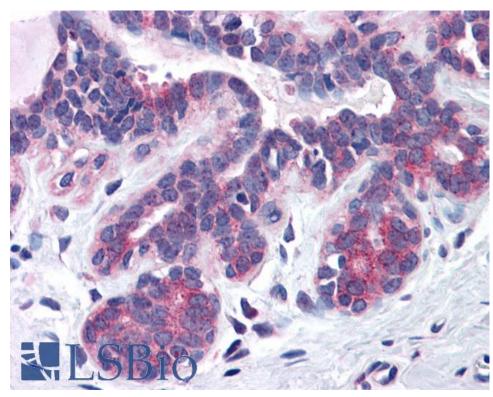
HEK293 overexpressing SNX16 (RC207476) and probed with EB05904 (mock transfection in first lane), tested by Origene.



EB05904 (3.75µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05904 (3.75 μ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05904 (3.75 μ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.