

## UK Office

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**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 GeneID(s):** [64089](#)

**Non-Human GeneID(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.

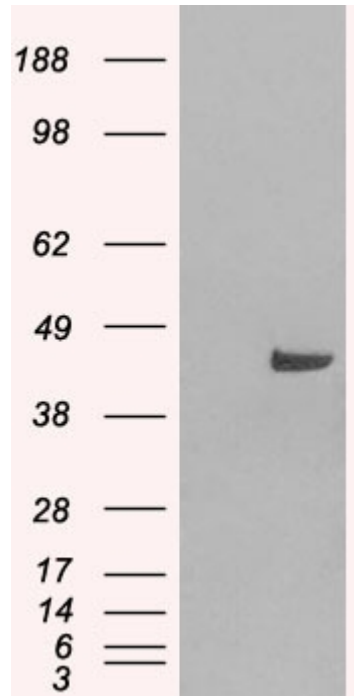
### Species Reactivity

**Tested:** Human

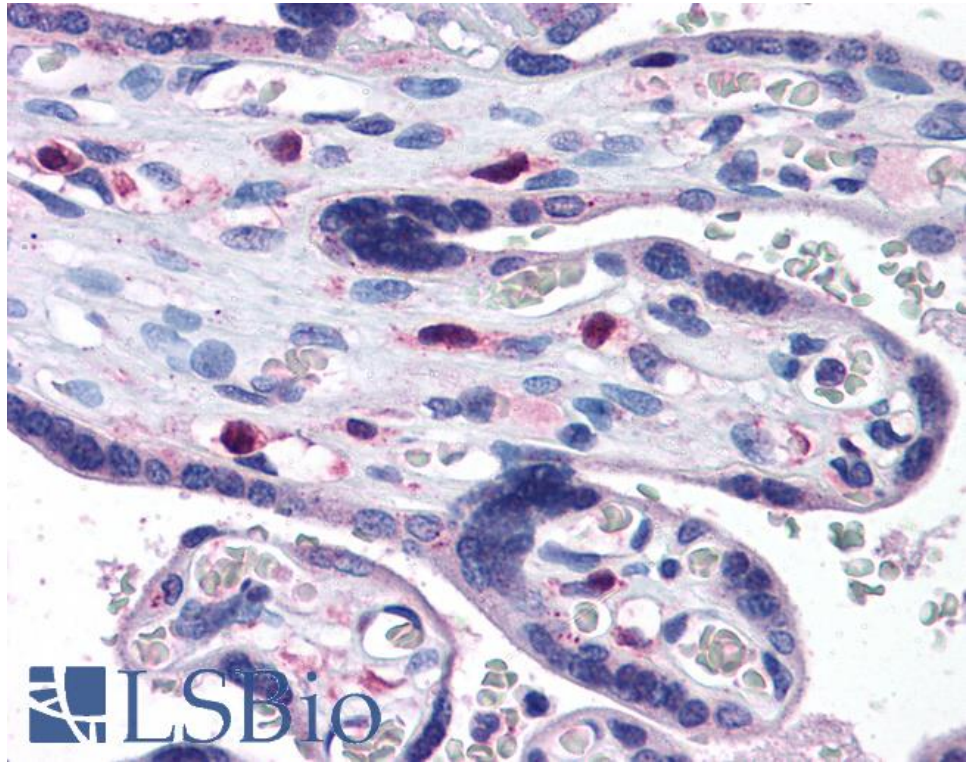
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



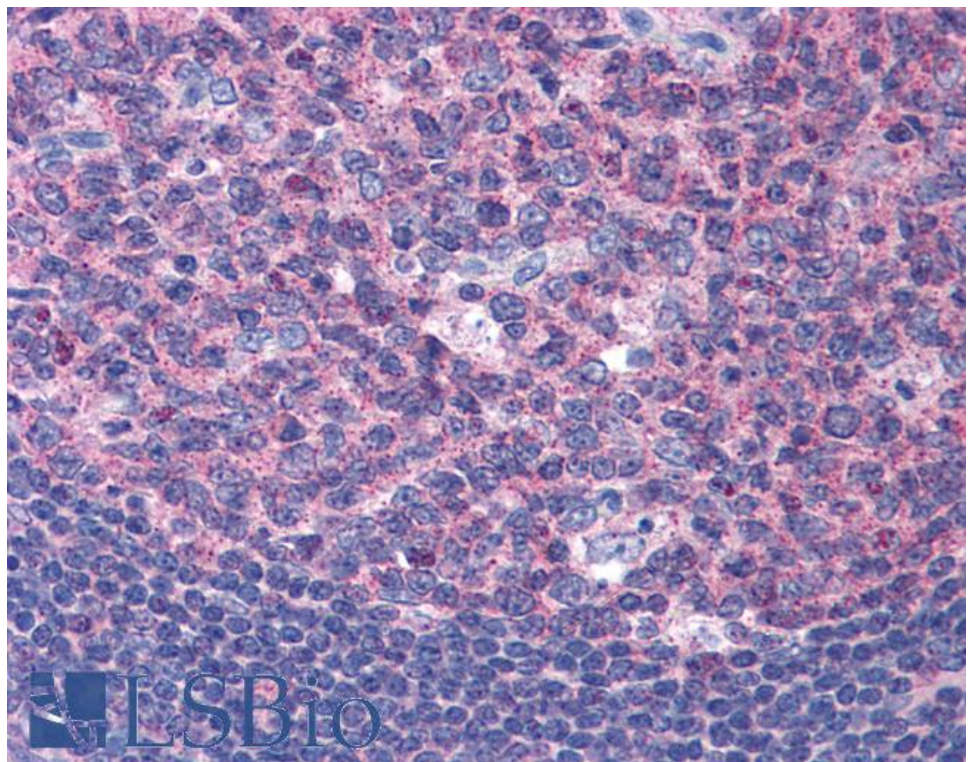
EB05904 (0.05µg/ml) staining of Daudi lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.



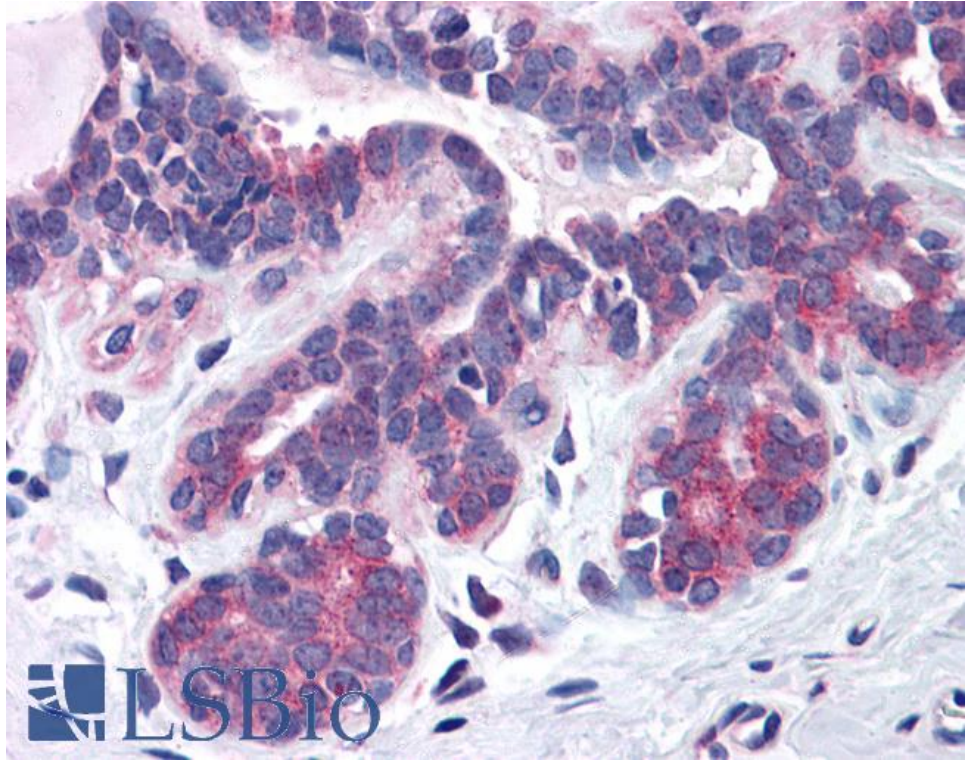
HEK293 overexpressing SNX16 (RC207476) and probed with EB05904 (mock transfection in first lane), tested by Origene.



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



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



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