

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB07268 - Goat Anti-NET1 / ARHGEF8 (Internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NET1, ARHGEF8, neuroepithelial cell transforming gene 1, NET1A, Rho guanine nucleotide exchange factor (GEF) 8, guanine nucleotide regulatory protein (oncogene), neuroepithelioma transforming gene 1, p65 Net1 proto-oncogene protein, small GTP-binding protein regulator

**Official Symbol:** NET1

**Accession Number(s):** NP\_005854.2; NP\_001040625.1

**Human GeneID(s):** [10276](#)

**Non-Human GeneID(s):** 56349 (mouse), 307098 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001040625.1 and NP\_005854.2).

### Immunogen

Peptide with sequence C-DKLEYLDEKQRDPR, from the internal region of the protein sequence according to NP\_005854.2; NP\_001040625.1.

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 1:16000.

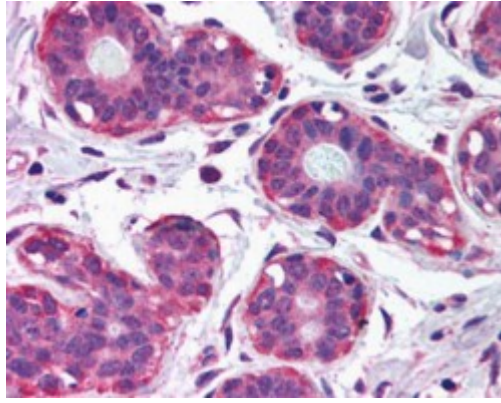
**Western blot:** Preliminary experiments gave an approx 80-90kDa double band in Human Placenta lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 67.7kDa according to NP\_001040625.1. The 80-90kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**IHC:** In paraffin embedded Human Breast shows cytoplasm staining of myoepithelial cells of ducts. Recommended concentration, 2.5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB07268 (2.5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.