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# 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.

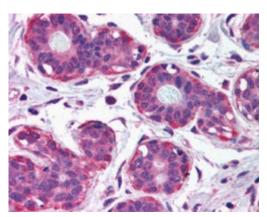
**Western blot:** Preliminary experiments gave an approx 80-90kDa double band in Human Placenta lysates after 0.3μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 67.7kDa according to NP\_001040625.1. The 80-90kDa band was successfully blocked by incubation with the immunizing peptide.

**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 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.