



## International Office

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

## EB07898 - Goat Anti-Insulysin / Insulinase Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** insulinase, insulysin, insulin-degrading enzyme, FLJ35968, INSULYSIN, IDE

**Official Symbol:** IDE

**Accession Number(s):** NP\_004960.2; NP\_001159418.1; NP\_001309722.1;  
NP\_001309723.1; NP\_001309724.1; NP\_001309726.1

**Human GeneID(s):** [3416](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_004960.2; NP\_001159418.1; NP\_001309722.1; NP\_001309723.1; NP\_001309724.1; NP\_001309726.1). Reported variants represent identical protein: NP\_001309725.1, NP\_001309724.1

### Immunogen

Peptide with sequence C-QQYNFDRDNT, from the internal region of the protein sequence according to NP\_004960.2; NP\_001159418.1; NP\_001309722.1; NP\_001309723.1; NP\_001309724.1; NP\_001309726.1.

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 1:32000.

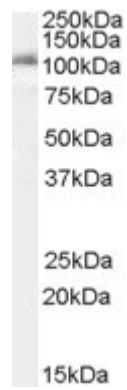
**Western blot:** Approx 110-120kDa band observed in lysates of cell line K562 (calculated MW of 118kDa according to NP\_004960.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Lung and Breast. Recommended concentration: 2.5µg/ml.

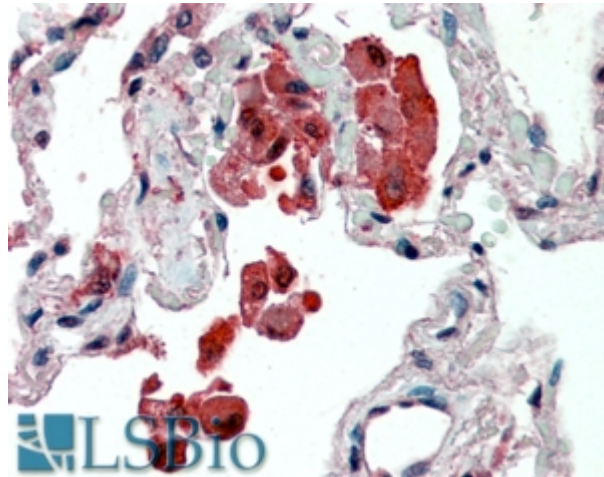
### Species Reactivity

**Tested:** Human

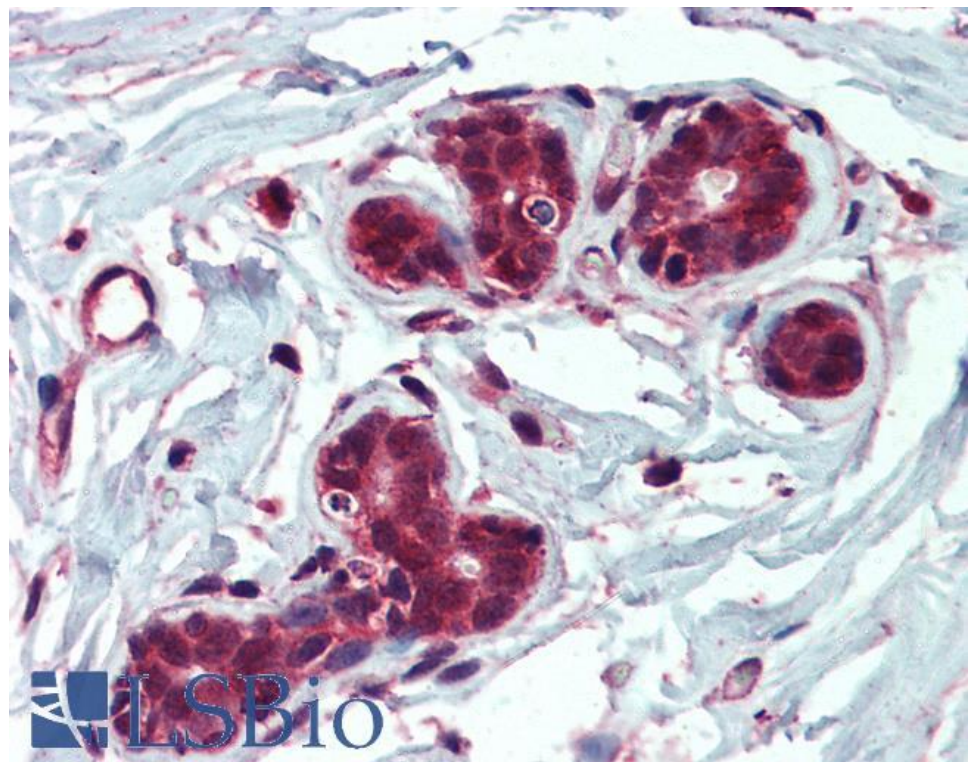
**Expected from sequence similarity:** Human, Dog



EB07898 (0.1µg/ml) staining of K562 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB07898 (2.5µg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07898 (2.5µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.