

## UK Office

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

## EB07861 - Goat Anti-RER1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RER1, RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae), RP4-740C4.2, RER1 homolog, RER1 retention in endoplasmic reticulum 1

**Official Symbol:** RER1

**Accession Number(s):** NP\_008964.3

**Human GeneID(s):** [11079](#)

**Non-Human GeneID(s):** 67830 (mouse)

### Immunogen

Peptide with sequence C-HGKRRYRGKEDAGK, from the C Terminus of the protein sequence according to NP\_008964.3.

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 1:128000.

**Western blot:** Preliminary experiments gave an approx 45kDa band in Human Brain lysates after 0.01µg/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 22.9kDa according to NP\_008964.3. The 45kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

**This antibody has been successfully used in IHC on Human:**

Kerstin TS Wirz, Pedro Haas, Koen Bossers, Dick F Swaab and Joost Verhaagen.

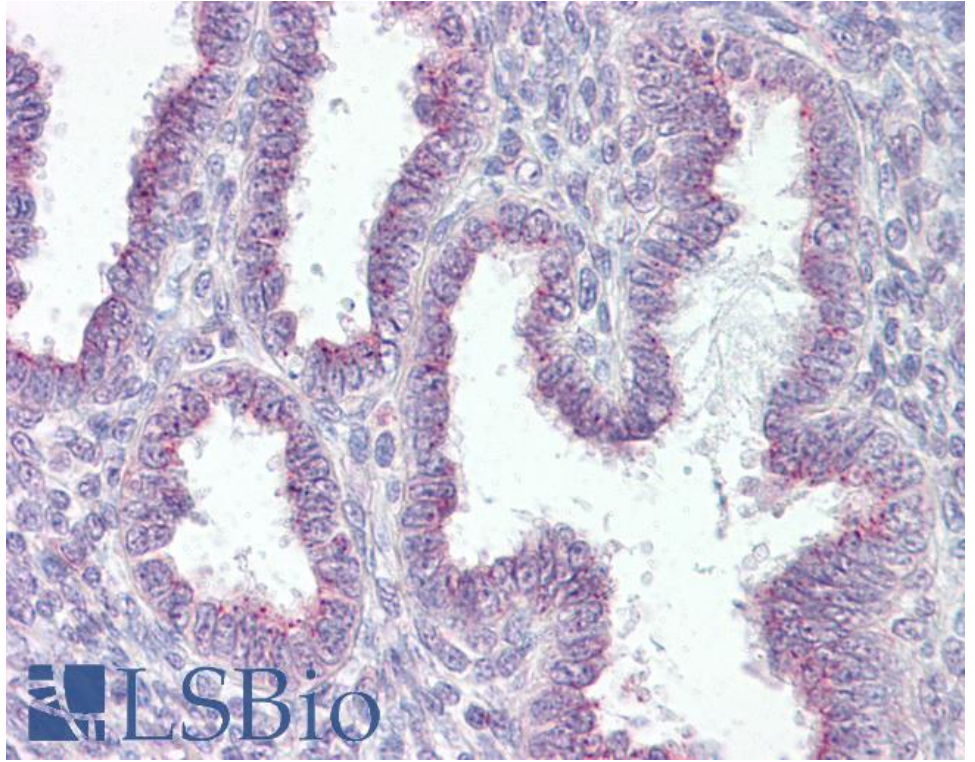
A comparison of selected mRNA and protein abundances of target genes involved in Alzheimer's disease development

Thesis 2013: Molecular changes during the development of Alzheimer's disease.

Netherlands Institute for Neuroscience,

[http://www.tipharma.com/fileadmin/user\\_upload/Theses/PDF/Kerstin\\_Wirz\\_T5-207.pdf#page=111](http://www.tipharma.com/fileadmin/user_upload/Theses/PDF/Kerstin_Wirz_T5-207.pdf#page=111)

PMID: 0



EB07861 (3.75µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.