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# 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 GenelD(s): 11079

Non-Human GenelD(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 <u>peptide</u> 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:

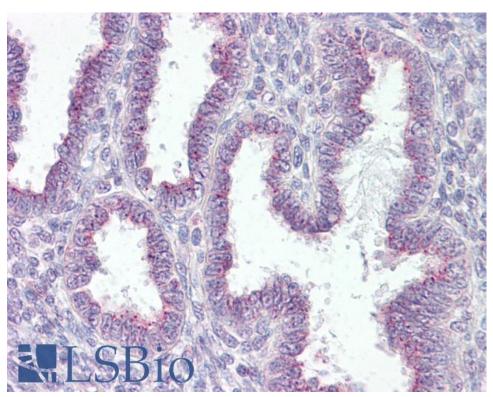
Kerstin TS Wirz, Pedro Haas, Koen Bossers, Dick F Swaab and Joost Verhaagen. A comparison of selected mRNA and protein abundances of target genes involved in Alzheimer's disease development

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

PMID: 0



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