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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 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 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:

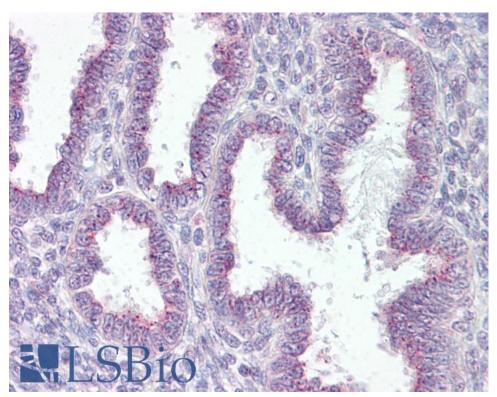
Kerstin TS Wirz, Pedro Haas, Koen Bossers, Dick F Swaab and Joost Verhaagen. A comparison of selected mRNA and protein abundances of target genes involved in Alzheimer's disease development

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

PMID: 0



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