

Goat anti-RER1 Antibody

Item Number	dAP-1106
Target Molecule	Principle Name: RER1; Official Symbol: RER1; All Names and Symbols: RER1; RER1 retention in endoplasmic reticulum 1 homolog (<i>S. cerevisiae</i>); RP4-740C4.2; RER1 homolog; RER1 retention in endoplasmic reticulum 1; Accession Number (s): NP_008964.3; Human Gene ID(s): 11079; Non-Human GeneID(s): 67830 (mouse)
Immunogen	HGKRRYRGKEDAGK, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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 22.9
IHC	Immunohistochemistry: Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): C. Kaether, J. Scheuermann, M. Fassler, S. Zilow, K. Shirotani, C. Valkova, B. Novak, S. Kacmar, H. Steiner, C. Haass. Endoplasmic reticulum retention of the gamma-secretase complex component Pen2 by Rer1. EMBO Rep. 2007, 8(8), 743-748..PMID: 17668005->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**