

Rabbit anti-Human ERH Polyclonal Antibody | anti-ERH antibody

Anti-ERH Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258918	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ERH; Polyclonal Antibody; Anti-ERH Antibody; Rabbit Polyclonal; enhancer of rudimentary homolog (Drosophila); Anti-DROER Antibody; anti-ERH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ERH
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ERH antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human ERH Protein
Preparation	Produced in rabbits immunized with purified, recombinant Human ERH (rh ERH). ERH specific IgG was purified by Human ERH affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



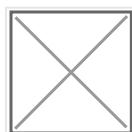
IP (Immunoprecipitation)

ERH was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 uL anti-ERH rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ERH rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 12 kDa. Observed band size: 12 kDa.



IHC (Immunohistochemistry)

Immunohistochemical staining of human ERH in human kidney with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ERH rabbit polyclonal antibody at 1:500 dilution. Lane A: SH-SY5Y Whole Cell Lysate. Lane B: A431 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 12 kDa. Observed band size: 12 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ERH antibody	ERH(enhancer of rudimentary homolog) belongs to the E(R) family. It is expressed in all tissues examined. The monomeric structure of ERH comprises a single domain consisting of three alpha-helices and four beta-strands, which is a novel fold. In the crystal structure, ERH assumes a dimeric structure, through interactions between the beta-sheet regions. The formation of an ERH dimer is consistent with the results of analytical ultracentrifugation. ERH may have a role in the cell cycle. The Drosophila protein ERH is a small protein of 14 amino acids. It has been found to be an enhancer of the rudimentary gene, involved in pyrimidine biosynthesis. From an evolutionary point of view, ERH is highly conserved and has been found to exist in probably all multicellular eukaryotic organisms. ERH interacts with POLDIP3.
References	Wojcik E, et al. (1994) The secreted glycoprotein CREG enhances differentiation of NTERA-2 human embryonal carcinoma cells. Oncogene. 19(17):2120-8. Wen SJ, et al. (2003) Screening the proteins that interact with calpain in a human heart cDNA library using a yeast two-hybrid system. Hypertens Res. 25(4):647-52. Gelsthorpe M, et al. (1997) The putative cell cycle gene, enhancer of rudimentary, encodes a highly conserved protein found in plants and animals. Gene. 186(2):189-95.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/erh-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/258918>