

## Rabbit anti-Human PECR Polyclonal Antibody | anti-PECR antibody

Anti-PECR Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA259037 | Rabbit | Human      | Immunoprecipitation, Immunohistochemistry |

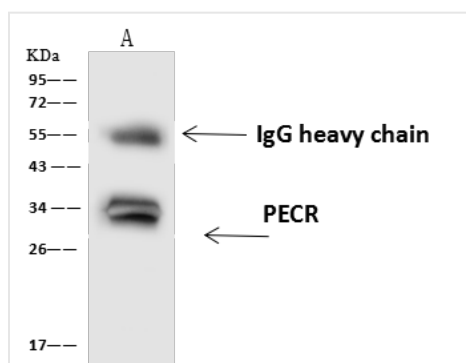
### PRODUCT SYNONYMS

PECR; Polyclonal Antibody; Anti-PECR Antibody; Rabbit Polyclonal; peroxisomal trans-2-enoyl-CoA reductase; Anti-DCRRP Antibody; Anti-HPDHASE Antibody; Anti-HSA250303 Antibody; Anti-PVIARL Antibody; Anti-SDR29C1 Antibody; Anti-TERP Antibody; anti-PECR antibody

### PRODUCT SPECIFICATIONS

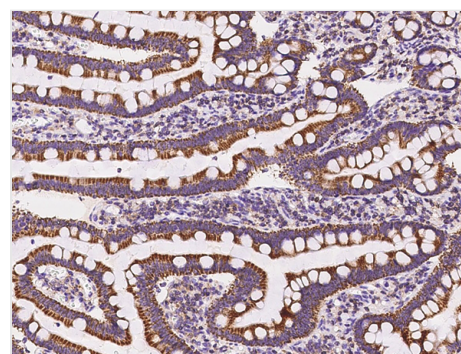
|                                                |                                                                                                                                                                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                    | Human PECR                                                                                                                                                                                                                                         |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                    | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-PECR antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry)                                                                                                                                                                                               |
| Immunogen                                      | E coli-derived Human PECR fragment                                                                                                                                                                                                                 |
| Preparation                                    | Produced in rabbits immunized with E coli-derived Human PECR fragment, and purified by antigen 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. Avoid repeated freeze-thaw cycles. |

### IMAGES



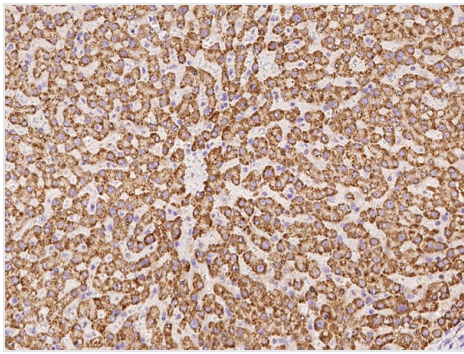
#### IP (Immunoprecipitation)

PECR was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-PECR rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PECR 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: 33 kDa. Observed band size: 34 kDa.



#### IHC (Immunohistochemistry)

Immunochemical staining of human PECR in human duodenum with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



**IHC (Immunohistochemistry)**  
 Immunochemical staining of human PECR in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Related Product Information for anti-PECR antibody</b></p> | <p>PECR (Peroxisomal Trans-2-Enoyl-CoA Reductase) is a Protein Coding gene. The PECR gene, located on 2q35, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, K.lactis, M.oryzae, rice, and frog. PECR belongs to the short-chain dehydrogenases/reductases (SDR) family. This protein is involved in the pathway of fatty acid biosynthesis, which is part of Lipid metabolism, it has no 2,4-dienoyl-CoA reductase activity. PECR is widely expressed in the liver), fat, and other tissues. Diseases associated with PECR include Ehlers-Danlos Syndrome, Hypermobility Type, and Brugada Syndrome 2. Among its related pathways are Allograft rejection and Metabolism. 232 organisms have orthologs with the human gene PECR.</p> |
| <p><b>References</b></p>                                         | <p>Wang W, et al. (2017) Trim37, a novel e3 ligase for pex5-mediated peroxisomal matrix protein import. J Cell Biol 216 (9): 2843-2858.Hua T, et al. (2012) Studies of human 2,4-dienoyl coa reductase shed new light on peroxisomal beta-oxidation of unsaturated fatty acids. J Biol Chem 287 (34): 28956-28965.<br/>           Gloerich J, et al. (2006) Peroxisomal trans-2-enoyl-coa reductase is involved in phytol degradation. FEBS Lett 580 (8): 2092-2096.</p>                                                                                                                                                                                                                                                                                                  |

**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](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/pecr-antibody-immunoprecipitation-immunohistochemistry-elisa/259037>