

## Rabbit APEH Polyclonal Antibody | anti-APEH antibody

Rabbit anti-APEH Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA222089</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

APEH; Polyclonal Antibody; Rabbit anti-APEH Antibody; D3F15S2; D3S48E; DNF15S2; Acylamino-acid-releasing enzyme; AARE; Acyl-peptide hydrolase; APH; Acylaminoacyl-peptidase; Oxidized protein hydrolase; OPH; anti-APEH antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| Clonality                                      | Polyclonal                                                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-APEH antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                          |
| Immunogen                                      | Recombinant full length protein of human APEH                                                             |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of APEH staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of APEH expression in Jurkat (A), HepG2 (B), mouse liver (C), mouse kidney (D), rat bone marrow (E) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-APEH antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                  |           |
|------------------|-----------|
| NCBI GI #        | 23510451  |
| NCBI GeneID      | 327       |
| NCBI Accession # | NP_001631 |

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001640                                                                                                               |
| UniProt Accession #              | P13798; Rat:P13676                                                                                                      |
| Molecular Weight                 | 81,225 Da                                                                                                               |
| NCBI Official Full Name          | acylamino-acid-releasing enzyme                                                                                         |
| NCBI Official Synonym Full Names | acylaminoacyl-peptide hydrolase                                                                                         |
| NCBI Official Symbol             | APEH                                                                                                                    |
| NCBI Official Synonym Symbols    | APH; OPH; AARE; ACPH; D3S48E; D3F15S2; DNF15S2                                                                          |
| NCBI Protein Information         | acylamino-acid-releasing enzyme; N-acylaminoacyl-peptide hydrolase; acylaminoacyl-peptidase; oxidized protein hydrolase |
| UniProt Protein Name             | Acylamino-acid-releasing enzyme                                                                                         |
| UniProt Gene Name                | <b>APEH</b>                                                                                                             |
| UniProt Synonym Gene Names       | D3F15S2; D3S48E; DNF15S2; AARE; APH; OPH                                                                                |
| UniProt Entry Name               | ACPH_HUMAN                                                                                                              |

**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.

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