

Anti-ALOX12 Antibody, Rabbit Polyclonal

Synonyms: LOX12, 12-LOX, ALOX-12, 12-L0, 12LPG, LOG12

Basic Info

Catalog

PA00052HuA20

Host

Rabbit

Conjugate

None

Size

100 μ L

Concentration

1.0 mg/mL

Physical State

Liquid

Species Reactivity

Predict reacts with: Human/Mouse/Rat

Immunogen

Recombinant human ALOX12 protein,
fragment Gly2~Thr405;

UniprotKB: P18054

Purification

Antigen Affinity Chromatography

Applications

WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.

Specificity / Sensitivity: Anti-ALOX12 Antibody, Rabbit Polyclonal recognizes endogenous levels of total ALOX12 protein.

Usage and Storage

Shipped at 4°C.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5 μ g/mL

IF: 5~20 μ g/mL

IHC: 5~20 μ g/mL

ICC: 5~20 μ g/mL

QC Data

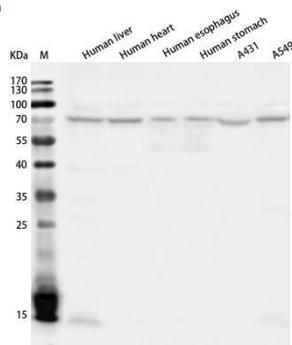
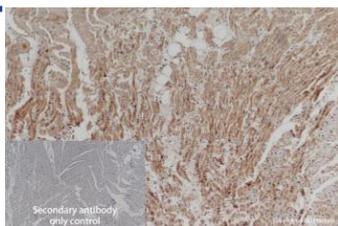
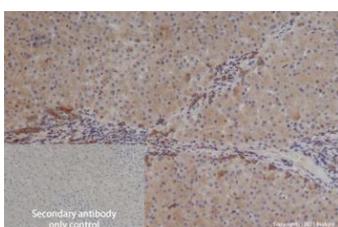


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using ALOX12 antibody (PA00052HuA20) at 2 μ g/mL dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Blocking buffer: 5% nonfat dry milk in TBST.

QC Data**Figure 2. Application in IHC**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human heart sections labelling ALOX12 with purified PA00052HuA20 at 10 μ g/ml. Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution (EDTA, pH 9.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1/4000 dilution. PBS instead of the primary antibody was used as the negative control.

**Figure 3. Application in IHC**

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human liver sections labelling ALOX12 with purified PA00052HuA20 at 10 μ g/ml. Heat mediated antigen retrieval was performed using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution (EDTA, pH 9.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1/4000 dilution. PBS instead of the primary antibody was used as the negative control.

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