

Datasheet for ABIN654058  
**anti-ALOX12B antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	ALOX12B
Binding Specificity:	AA 622-652, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX12B antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ALOX12B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 622-652 amino acids from the C-terminal region of human ALOX12B.
Clone:	RB17152
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ALOX12B
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## Target Details

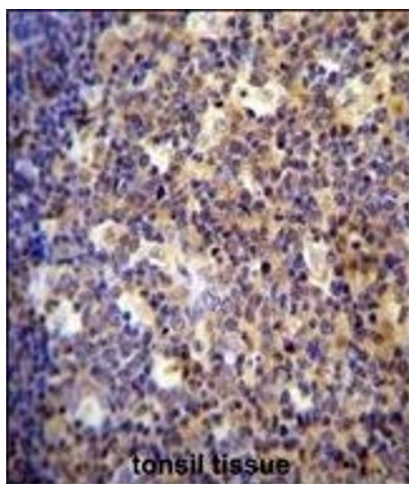
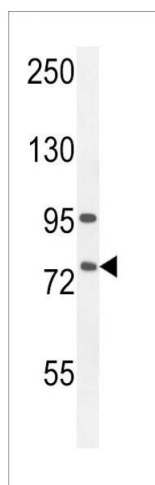
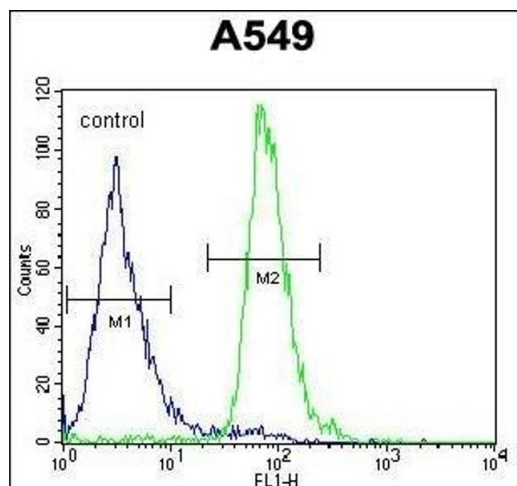
Alternative Name:	ALOX12B ( <a href="#">ALOX12B Products</a> )
Background:	This gene encodes an enzyme involved in the conversion of arachidonic acid to 12R-hydroxyeicosatetraenoic acid. Mutations in this gene are associated with nonbullous congenital ichthyosiform erythroderma.
Molecular Weight:	80356
Gene ID:	242
NCBI Accession:	<a href="#">NP_001130</a>
UniProt:	<a href="#">O75342</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** ALOX12B Antibody (C-term) (ABIN654058 and ABIN2843957) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** ALOX12B Antibody (C-term) (ABIN654058 and ABIN2843957) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the ALOX12B antibody detected the ALOX12B protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** ALOX12B antibody (C-term) (ABIN654058 and ABIN2843957) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ALOX12B antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.