

### **Product datasheet for TA336221**

#### OriGene Technologies, Inc.

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## 12 Lipoxygenase (ALOX12) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for Anti-ALOX12 Antibody: synthetic peptide directed towards the C terminal

of human ALOX12. Synthetic peptide located within the following region: MGSLPDVRQACLQMAISWHLSRRQPDMVPLGHHKEKYFSGPKPKAVLNQF

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 76 kDa

**Gene Name:** arachidonate 12-lipoxygenase, 12S type

Database Link: NP 000688

Entrez Gene 239 Human

P18054

Background: ALOX12 belongs to the lipoxygenase family. It contains 1 lipoxygenase domain and 1 PLAT

domain. It has oxygenase and 14,15-leukotriene A4 synthase activity.

Synonyms: 12-LOX; 12S-LOX; LOG12

**Note:** Immunogen Sequence Homology: Human: 100%; Horse: 93%; Dog: 86%; Rat: 86%; Bovine:

86%; Pig: 79%; Rabbit: 79%; Guinea pig: 79%; Mouse: 77%

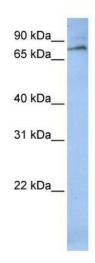




**Protein Families:** Druggable Genome

**Protein Pathways:** Arachidonic acid metabolism, Metabolic pathways

# **Product images:**



WB Suggested Anti-ALOX12 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive

Control: Human brain