

Product datasheet for **TA336221**

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: MGSLPDVRQACLQMAISWHLRRQPDMVPLGHHKEKYFSGPKPKAVLNQF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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%



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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