



# Human ALOX15 blocking peptide (CDBP0379)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-ALOX15 antibody
<b>Antigen Description</b>	ALOX15 (arachidonate 15-lipoxygenase) is a protein-coding gene. Diseases associated with ALOX15 include atherosclerosis, and asthma, and among its related super-pathways are Arachidonic acid metabolism and Metabolic pathways. GO annotations related to this gene include arachidonate 15-lipoxygenase activity and iron ion binding. An important paralog of this gene is ALOX12B.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ALOX15 arachidonate 15-lipoxygenase [ Homo sapiens ]</a>
<b>Official Symbol</b>	ALOX15
<b>Synonyms</b>	ALOX15; arachidonate 15-lipoxygenase; 15 LOX 1; 15-LOX; 15-lipoxygenase-1; arachidonate omega-6 lipoxygenase; 15LOX-1; 15-LOX-1;
<b>Entrez Gene ID</b>	<a href="#">246</a>

<b>mRNA Refseq</b>	<a href="#">NM_001140</a>
<b>Protein Refseq</b>	<a href="#">NP_001131</a>
<b>UniProt ID</b>	P16050
<b>Chromosome Location</b>	17p13.3
<b>Pathway</b>	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Eicosanoid Synthesis, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Linoleic acid metabolism, organism-specific biosystem; Linoleic acid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;
<b>Function</b>	arachidonate 12-lipoxygenase activity; arachidonate 15-lipoxygenase activity; hepoxilin-epoxide hydrolase activity; iron ion binding; lipoxygenase activity; metal ion binding; oxidoreductase activity;