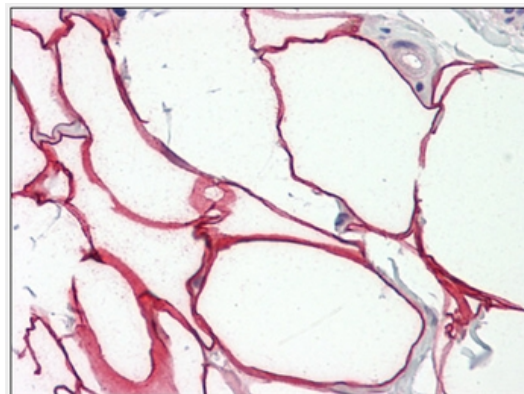


**AP32220PU-N****Polyclonal Antibody to ALOX5 / LOG5 - Aff - Purified**

<b>Alternate names:</b>	5-LO, 5-lipoxygenase, Arachidonate 5-lipoxygenase
<b>Quantity:</b>	50 µl
<b>Concentration:</b>	1.0 mg/ml
<b>Uniprot ID:</b>	<a href="#">P09917</a>
<b>NCBI:</b>	<a href="#">NP_000689.1</a>
<b>GeneID:</b>	<a href="#">240</a>
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic peptide derived from Internal Human Arachidonate 5 Lipoxygenase
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> PBS (without Mg <sup>2+</sup> , Ca <sup>2+</sup> ), pH 7.4 containing 150 mM Sodium Chloride, 50% Glycerol and 0.02% Sodium Azide as preservative
<b>Applications:</b>	<b>ELISA:</b> 1/10000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200. <b>Western Blot:</b> 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects endogenous levels of total Arachidonate 5 Lipoxygenase protein.
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Mouse, Rat.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Pictures:</b>	Human Colon, Adipocytes: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of extracts from HuvEc cells, using Arachidonate 5 Lipoxygenase Antibody Cat.-No AP32220PU-N. The lane on the right is treated with the synthesized peptide.

