



Rabbit anti-Human 5 Lipoxxygenase polyclonal antibody (DPABH-14708)

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

PRODUCT INFORMATION

Antigen Description	Catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes.
Immunogen	Synthetic peptide corresponding to Human 5 Lipoxxygenase aa 100-200 conjugated to Keyhole Limpet Haemocyanin (KLH).Database link: P09917
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ALOX5 arachidonate 6-lipoxygenase [Homo sapiens]
Official Symbol	ALOX5
Synonyms	ALOX5; arachidonate 5-lipoxygenase; 5-LO; 5LPG; LOG5; 5-LOX; LOX-5; leukotriene A4 synthase; arachidonic acid 5-lipoxygenase; arachidonic 5-lipoxygenase alpha-10 isoform; arachidonic 5-lipoxygenase delta-13 isoform; arachidonic 5-lipoxygenase delta-p10 isoform; arachidonic 5-lipoxygenase delta-10-13 isoform;
Entrez Gene ID	240
Protein Refseq	NP_000689.1
UniProt ID	P09917
Pathway	Arachidonic acid metabolism; Arachidonic acid metabolism; IL-5 Signaling Pathway; Metabolism of lipids and lipoproteins
Function	arachidonate 5-lipoxygenase activity; iron ion binding; protein binding;