

Datasheet for ABIN2856503

anti-ALOXE3 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	ALOXE3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOXE3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ALOXE3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ALOXE3 (arachidonate lipoxygenase 3) ALOXE3 antibody [N1N3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ALOXE3
Alternative Name:	arachidonate lipoxygenase 3 (ALOXE3 Products)

Target Details

Background: The leukotrienes constitute a group of arachidonic acid-derived compounds with biologic activities suggesting important roles in inflammation and immediate hypersensitivity. These compounds are catabolized, in part, by lipoxygenases. Epidermis-type lipoxygenases, a distinct subclass within the multigene family of mammalian lipoxygenases, are novel isoenzymes isolated from human and mouse skin including human ALOX15B (MIM 603697), human and mouse ALOX12B (MIM 603741), mouse 8S-LOX, and mouse e-LOX-3.[supplied by OMIM]

Molecular Weight: 81 kDa

Gene ID: 59344

UniProt: [Q9BYJ1](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

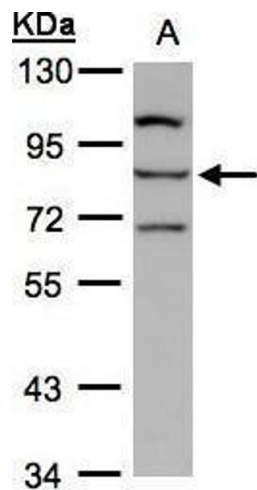
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

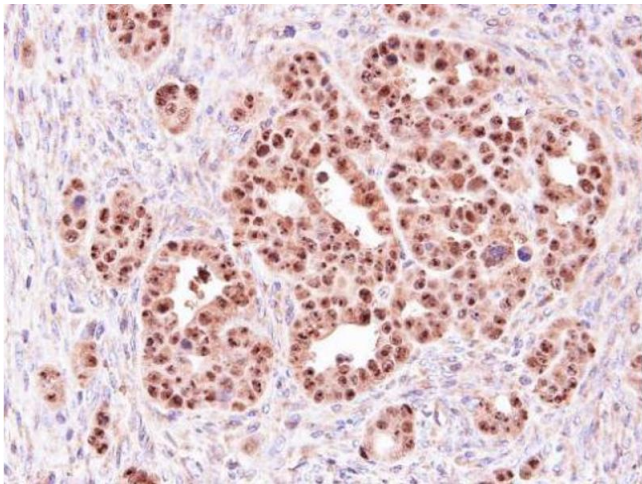
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample(30 ug whole cell lysate) A:Hep G2 , 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using ALOXE3, antibody at 1:500 dilution.