



Rabbit Anti-ALOXE3 antibody

SL7856R

Product Name:	ALOXE3
Chinese Name:	表皮型脂氧合酶3抗体(鱼鳞病相关蛋白)
Alias:	ALOXE3; Arachidonate lipoxygenase 3; e LOX 3; E LOX; e-LOX-3; eLOX3; Epidermal lipoxygenase; Epidermis-type lipoxygenase 3; Lipoxygenase 3; LOXE3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	81kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ALOXE3:141-240/711
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Introduces molecular oxygen into polyunsaturated fatty acids. Exact substrate is not known. Tissue specificity:Predominantly expressed in skin. Involvement in diseaseDefects in ALOXE3 are a cause of non-bullous congenital ichthyosiform erythroderma (NCIE). NCIE is a non-bullous ichthyosis, a skin disorder characterized by abnormal cornification of the epidermis. Most affected individuals are born with a

tight, shiny, translucent covering called collodion membrane. The collodion membrane subsequently evolves into generalized scaling and intense redness of the skin. Clinical features are milder than in lamellar ichthyoses and demonstrate a greater variability in the intensity of erythema, size and type of scales. In contrast to lamellar ichthyoses, scales are usually white, fine and powdery, and palms and soles are severely affected. Patients suffer from palmoplantar keratoderma, often with painful fissures, digital contractures, and loss of pulp volume.

Tissue Specificity:

Predominantly expressed in skin.

Similarity:

Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain.

SWISS:

Q9BYJ1

Gene ID:

59344

Database links:

[Entrez Gene: 59344](#)Human

[Entrez Gene: 23801](#)Mouse

[Entrez Gene: 287424](#)Rat

[Omid: 607206](#)Human

[SwissProt: Q9BYJ1](#)Human

[SwissProt: Q9WV07](#)Mouse

[Unigene: 232770](#)Human

[Unigene: 41989](#)Mouse

[Unigene: 8716](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.