

Product datasheet for **TA308006**

ALOXE3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 294 of ALOXE3 (Uniprot ID#Q9BYJ1)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	arachidonate lipoxygenase 3
Database Link:	NP_067641 Entrez Gene 23801 Mouse Entrez Gene 287424 Rat Entrez Gene 59344 Human Q9BYJ1
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]
Synonyms:	ARCI3; E-LOX; eLOX-3; eLOX3

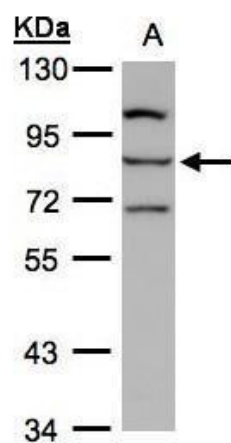


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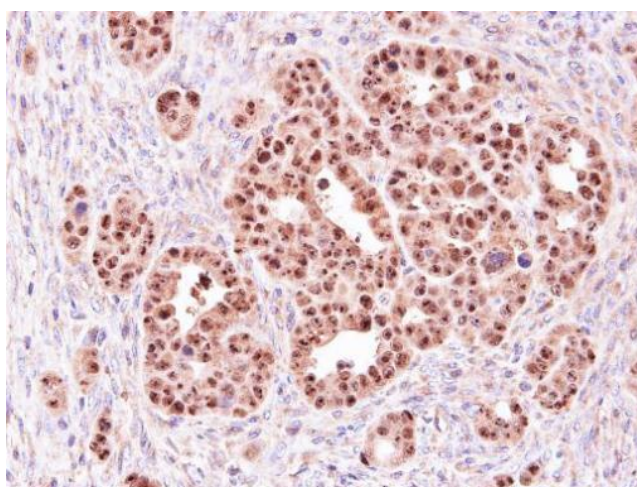
Note: Seq homology of immunogen across species: Mouse (84%), Rat (84%)

Protein Families: Druggable Genome

Product images:



Sample (30 ug whole cell lysate). A:Hep G2. 7.5% SDS PAGE. TA308006 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using ALOXE3 (TA308006) antibody at 1:500 dilution.