SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-ALOX15B antibody

Catalog Number: SL6335R

FOR RESEARCH USE ONLY

[DATASHEET]

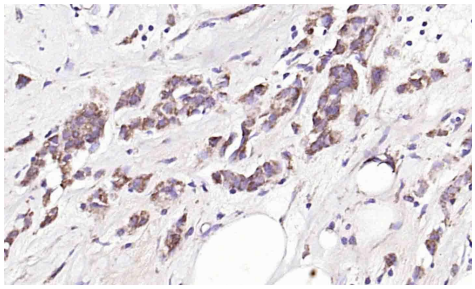
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ALOX15B
Immunogen:	KLH conjugated synthetic peptide derived from human ALOX15B/15 Lipoxygenase 2: 13-110/676
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat(predicted:Pig,Cow,Horse,Rabbit)
Predicted MW.:	74kDa
Subcellular Location:	cytoplasmic
Background:	Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized. Tissue specificity: Expressed in hair, prostate, lung and cornea. **Function:** Converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while linoleic acid is less well metabolized. **Subcellular Location:** Cytoplasm. **Tissue Specificity:** Expressed in hair, prostate, lung and cornea. **Similarity:** Belongs to the lipoxygenase family. Contains 1 lipoxygenase domain. Contains 1 PLAT domain. **Database links:** **Entrez Gene:** 247 Human

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

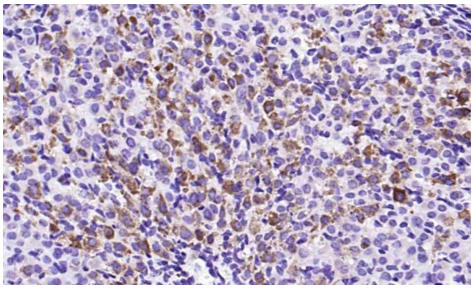
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	Entrez Gene: 11688 Mouse **Entrez Gene:** 266604 Rat Omim: 603697 Human **SwissProt:** O15296 Human **SwissProt:** O35936 Mouse **SwissProt:** Q5NCF6 Mouse **SwissProt:** Q5NCF7 Mouse **SwissProt:** Q8K4F2 Rat **Unigene:** 111256 Human **Unigene:** 289672 Mouse **Unigene:** 86437 Rat

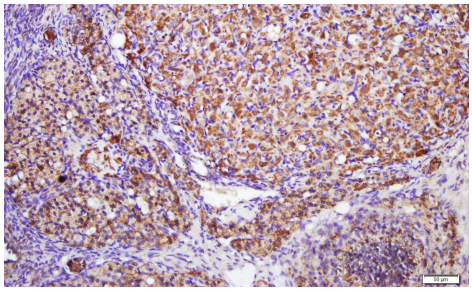
[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ALOX15B) Polyclonal Antibody, Unconjugated (SL6335R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ALOX15B) Polyclonal Antibody, Unconjugated (SL6335R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat ovary tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ALOX15B) Polyclonal Antibody, Unconjugated (SL6335R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining

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