

Product Datasheet

12-Lipoxygenase Antibody (OTI1C3) NBP2-46512

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-46512**12-Lipoxygenase Antibody (OT11C3)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11C3
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	75.5 kDa

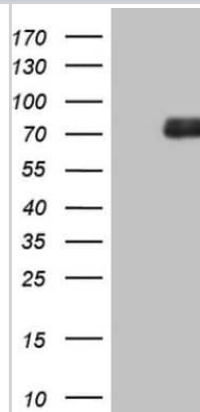
Product Description	
Host	Mouse
Gene ID	239
Gene Symbol	ALOX12
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human ALOX12 (NP_000688) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

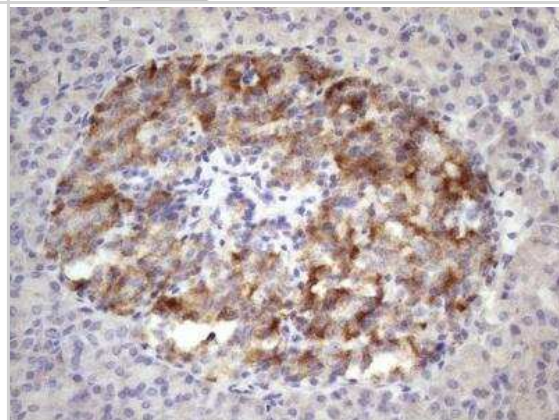


Images

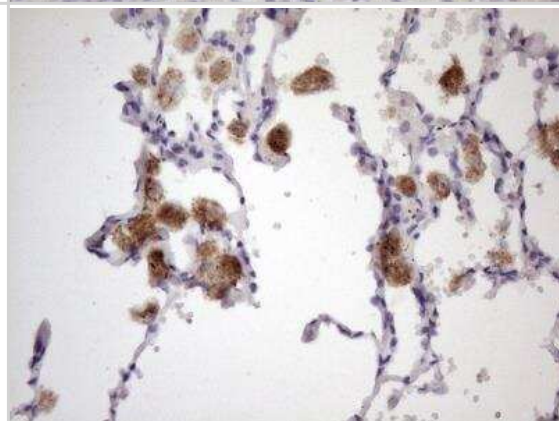
Western Blot: 12-Lipoxygenase Antibody (1C3) [NBP2-46512] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY 12-Lipoxygenase.



Immunohistochemistry-Paraffin: 12-Lipoxygenase Antibody (1C3) [NBP2-46512] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Immunohistochemistry-Paraffin: 12-Lipoxygenase Antibody (1C3) [NBP2-46512] - Analysis of Human lung tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Publications

Otto M, Bucher C, Liu W et al. 12(S)-HETE mediates diabetes induced endothelial dysfunction by activating intracellular endothelial cell TRPV1 J. Clin. Invest. 2020-06-25 [PMID: 32584793] (WB, Human)



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Products Related to NBP2-46512

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00000239-P01-10ug	Recombinant Human 12-Lipoxygenase GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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