

Product Datasheet

Leukotriene A4 Hydrolase/LTA4H Antibody (OT1E9) NBP1-47829

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-47829

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-47829



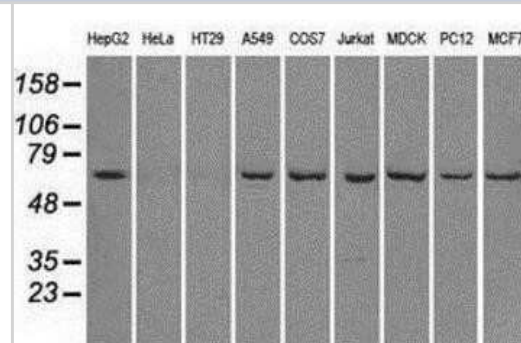
NBP1-47829**Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9)**

Product Information	
Unit Size	0.1 ml
Concentration	0.7 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11E9
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	69.3 kDa
Product Description	
Description	Novus Biologicals Mouse Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) (NBP1-47829) is a monoclonal antibody validated for use in IHC, WB and IP. Anti-Leukotriene A4 Hydrolase/LTA4H Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4048
Gene Symbol	LTA4H
Species	Human, Mouse, Rat, Canine, Monkey
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens leukotriene A4 hydrolase (LTA4H).
Immunogen	Full-length protein expressed in 293T cell transfected with human LTA4H expression vector
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:50, Immunoprecipitation 2-4ug/mg, Immunohistochemistry-Paraffin 1:50

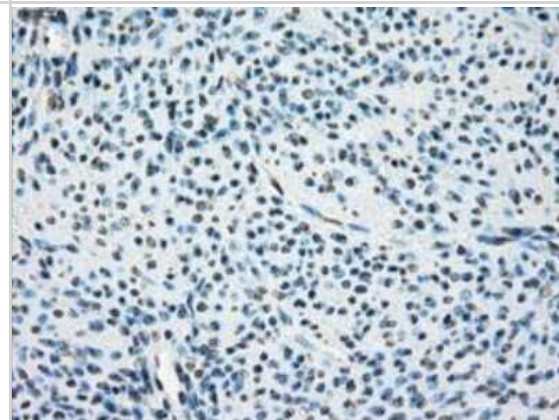


Images

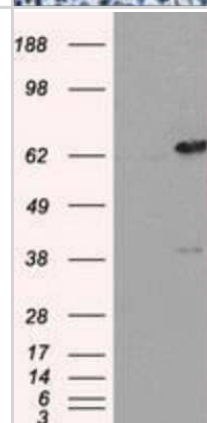
Western Blot: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Leukotriene A4 hydrolasemonoclonal antibody.



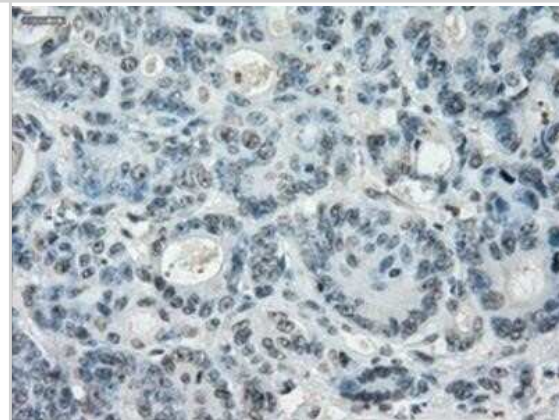
Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded prostate tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



Western Blot: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Leukotriene A4 hydrolase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Leukotriene A4 hydrolase.



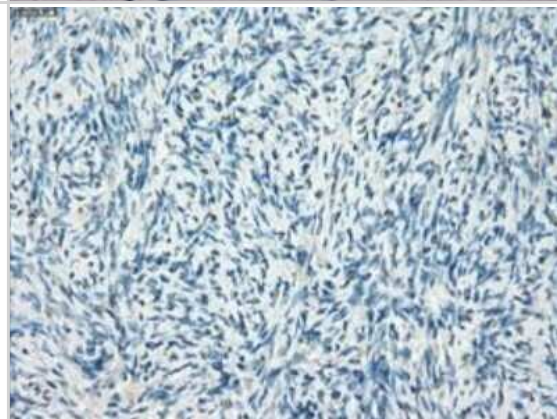
Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



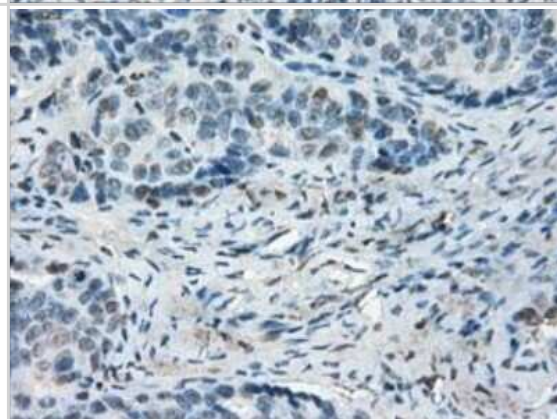
Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



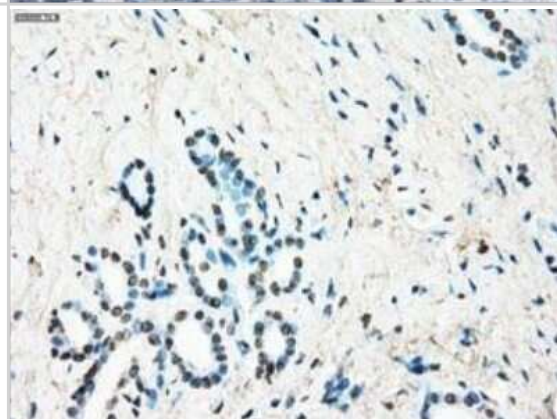
Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded endometrium tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



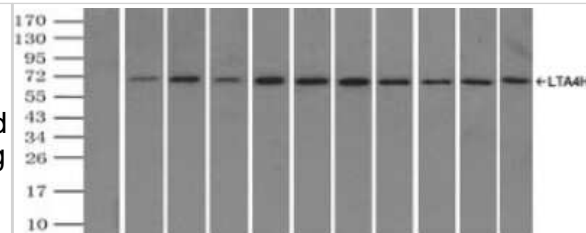
Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded Ovary tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Leukotriene A4 Hydrolase/LTA4H Antibody (OT11E9) [NBP1-47829] - Staining of paraffin-embedded pancreas tissue using anti-Leukotriene A4 hydrolase mouse monoclonal antibody.



Immunoprecipitation: Leukotriene A4 Hydrolase/LTA4H Antibody (OT1E9) [NBP1-47829] - Immunoprecipitation of LTA4H by using TrueMab monoclonal anti-LTA4H antibody (Negative control: IP without adding anti-LTA4H antibody). For each experiment, 500ul of DDK tagged LTA4H overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-LTA4H antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.



Publications

Nordio L, Bazzocchi C, Genova F et al. Molecular and Immunohistochemical Expression of LTA4H and FXR1 in Canine Oral Melanoma *Frontiers in veterinary science* 2021-12-13 [PMID: 34966807] (IHC-P, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-47829

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-90368PEP	Leukotriene A4 Hydrolase/LTA4H Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-47829

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

