

Product Datasheet

Alkaline Phosphatase, Tissue Non-Specific Antibody - BSA Free NBP1-32948

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-32948

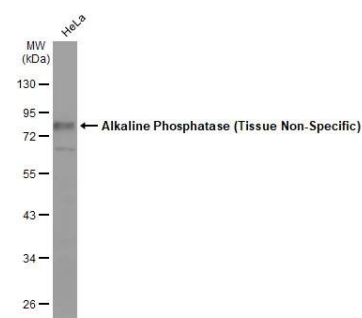
Alkaline Phosphatase, Tissue Non-Specific Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	57 kDa
Product Description	
Host	Rabbit
Gene ID	249
Gene Symbol	ALPL
Species	Human, Mouse, Sheep
Reactivity Notes	Cat (90%), Bovine (89%), Dog (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Alkaline Phosphatase, Tissue Non-Specific. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

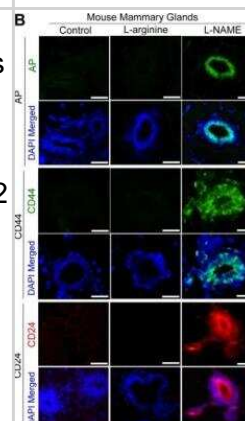


Images

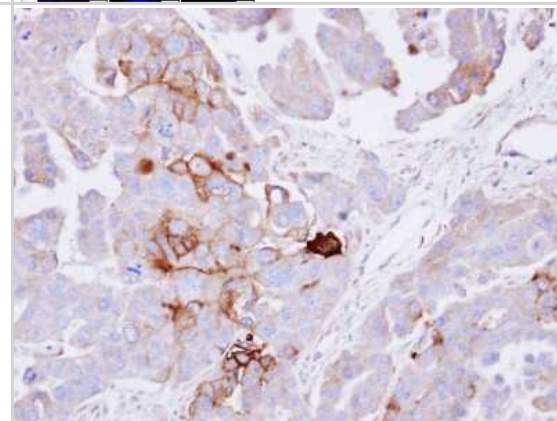
Western Blot: Alkaline Phosphatase, Tissue Non-Specific Antibody [NBP1-32948] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Alkaline Phosphatase, Tissue Non-Specific antibody (NBP1-32948) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunocytochemistry/Immunofluorescence: Alkaline Phosphatase, Tissue Non-Specific Antibody [NBP1-32948] - Deprivation of NO induces bi-lineage phenotype and expression of stem cell markers in mammary epithelial cells both in vivo and in 3D cultures. Representative images of drug-treated mammary glands stained for stem cell markers: alkaline phosphatase (AP) (top 2 rows), CD44 (middle 2 rows) or CD24 (bottom 2 rows). Nuclei were counterstained with DAPI (blue). Scale bars: 50 um. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-019-43239-x>) licensed under a CC-BY license.



Immunohistochemistry-Paraffin: Alkaline Phosphatase, Tissue Non-Specific Antibody [NBP1-32948] - Paraffin-embedded OVCAR3 xenograft, using antibody at 1:100 dilution.



Publications

Ren G, Zheng X, et al. Reduced Basal Nitric Oxide Production Induces Precancerous Mammary Lesions via ERBB2 and TGF beta. Sci Rep 2019-04-30 [PMID: 31040372] (IF/IHC, 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 NBP1-32948

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-91660PEP	Alkaline Phosphatase, Tissue Non-Specific 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.

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