

Product Datasheet

CELA1 Antibody - BSA Free

NBP1-78085-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-78085

Updated 2/21/2025 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/NBP1-78085



NBP1-78085-0.1mg

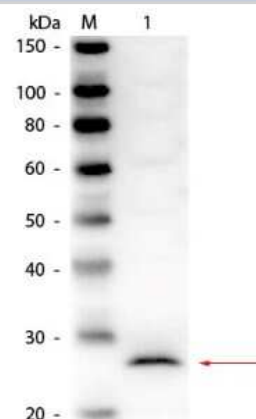
CELA1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Elastase [Porcine Pancreas] Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	1990
Gene Symbol	CELA1
Species	Mouse, Porcine
Reactivity Notes	Cross reactivity was reported for mouse CELA1 (mouse embryonic pancreas). Cross reactivity against CELA1 from other tissues and species has not been determined
Immunogen	CELA1 [Porcine Pancreas] (Uniprot: P00772)
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	This product has been tested by ELISA, western blot, and immunofluorescence. This product is assayed against 1.0 ug of Elastase [Porcine Pancreas] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,400 is suggested for This product An investigator has reported that this antibody works very well on sections of mouse embryonic pancreas tissue, specifically staining developing exocrine cells.

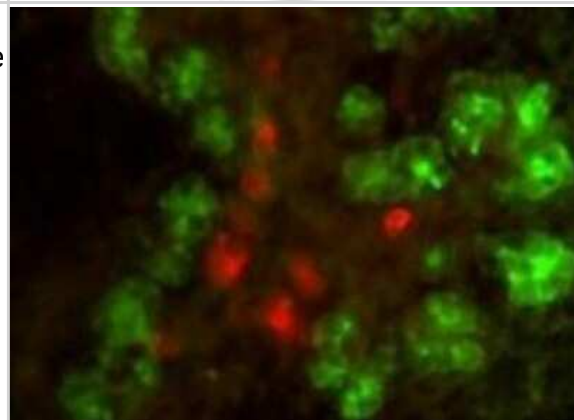


Images

Western Blot: CELA1 Antibody [NBP1-78085] - Lane 1: Elastase. Load: 50 ng per lane. Primary antibody: Rabbit anti-Elastase Antibody at 1:1,000 overnight at 4C. Secondary antibody: HRP rabbit secondary antibody at 1:40,000 for 30 minutes at RT. Block: incubated with blocking buffer for 30 minutes at RT. Predicted/Observed size: 29 kDa, 29 kDa for Elastase.



Immunocytochemistry/Immunofluorescence: CELA1 Antibody [NBP1-78085] - Double immunofluorescence microscopy after staining of mouse embryonic gut tissue with anti-Elastase antibody and anti-Insulin antibody. Tissue sections were prepared using frozen sections after fixation for 1 h in 4% PFA. The image shows elastase staining in green and insulin staining in red.





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 NBP1-78085-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001990-P01-10ug	Recombinant Human CELA1 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.

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/NBP1-78085

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

