

Product Datasheet

Cathepsin E Antibody AF1294-SP

Unit Size: 25 ug

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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AF1294-SP**Cathepsin E Antibody**

Product Information	
Unit Size	25 ug
Concentration	LYOPH mg/ml
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute at 0.2 mg/mL in sterile PBS.
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. *Small pack size (SP) is supplied as a 0.2 µm filtered solution in PBS.

Product Description	
Host	Goat
Gene ID	1510
Gene Symbol	CTSE
Species	Human
Specificity/Sensitivity	Detects human pro and active Cathepsin E in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 40% cross-reactivity with recombinant mouse Cathepsin E is observed and less than 2% cross-reactivity with recombinant human (rh) Cathepsin D and rhBACE is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cathepsin E Ile54-Pro396 Accession # NP_001901
Notes	This product is produced by and ships from R&D Systems, Inc., a Bio-Techne brand.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.1 ug/mL, Immunohistochemistry 5-15 ug/mL, Immunoprecipitation 25 ug/mL

Publications

Delker D, McGettigan B, Kanth P, Pop S, Neklason D, Bronner M, Burt R, Hagedorn C RNA sequencing of sessile serrated colon polyps identifies differentially expressed genes and immunohistochemical markers. PLoS ONE, 2014;9(2):e88367. 2014 [PMID: 24533081] (IHC, , Human)

Konno-Shimizu M, Yamamichi N, Inada K, Kageyama-Yahara N, Shiogama K, Takahashi Y, Asada-Hirayama I, Yamamichi-Nishina M, Nakayama C, Ono S, Kodashima S, Fujishiro M, Tsutsumi Y, Ichinose M, Koike K Cathepsin E is a marker of gastric differentiation and signet-ring cell carcinoma of stomach: a novel suggestion on gastric tumorigenesis. PLoS ONE, 2013;8(2):e56766. 2013 [PMID: 23451082] (WB, , Human)

Caruso M, Moore J, Goodall GJ Over-expression of cathepsin E and trefoil factor 1 in sessile serrated adenomas of the colorectum identified by gene expression analysis. Virchows Arch., 2009;454(3):291-302. 2009 [PMID: 19172291] (IHC Paraffin-embedded, , Human)





Novus Biologicals USA

8100 Southpark Way, A-8
Littleton, CO 80120
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Novus Biologicals Canada

461 North Service Road West, Unit B37
Oakville, ON L6M 2V5
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada@novusbio.com

Novus Biologicals Europe

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@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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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