

Product Datasheet

Chymase/CMA1/Mast Cell Chymase Antibody NBP2-27551

Unit Size: 0.1 mg

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

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NBP2-27551**Chymase/CMA1/Mast Cell Chymase Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

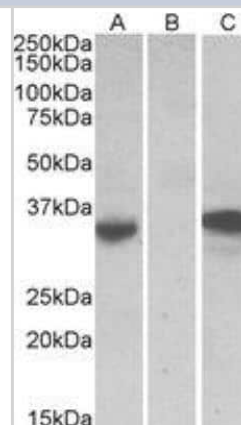
Product Description	
Host	Goat
Gene ID	1215
Gene Symbol	CMA1
Species	Human
Immunogen	Peptide with sequence C-QFRHPKYNTSTLHHD corresponding to internal region according to NP_001827.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1 ug/mL, Immunohistochemistry 1.5 ug/mL, Immunohistochemistry-Paraffin 1.5 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	WB: In transfected HEK293 transiently expressing full-length human CMA1 (myc and DYKDDDDK tagged), a band of approx. 35 kDa band was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. IHC-P: Human skin shows staining on the apical side of the basal cell layer from the Epidermis.

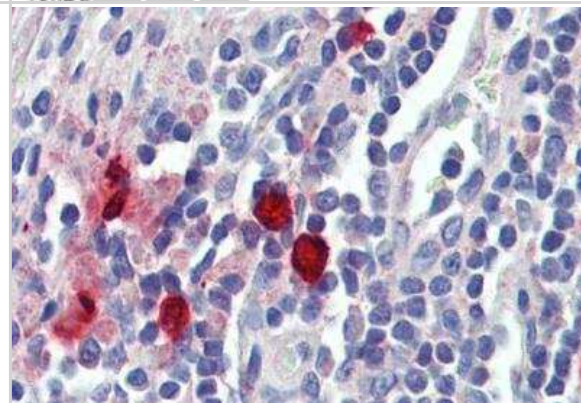


Images

Western Blot: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - HEK293 lysate (10 ug protein in RIPA buffer) over expressing Human CMA1 with DYKDDDDK tag probed with NBP2-27551 (0.5 ug/mL) in Lane A and probed with anti-DYKDDDDK Tag (1:3000) in lane C. Mock-transfected HEK293 probed with NBP2-27551 (1 mg/mL) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



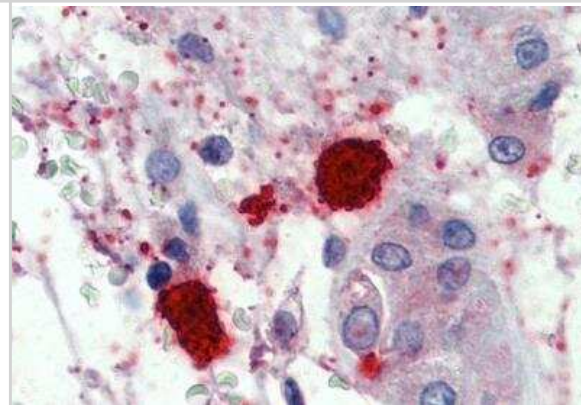
Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of paraffin embedded Human Tonsil (Mast cells). Antibody at 1.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of human skin Epidermis shows detection on the apical side of the basal cell layer.



Immunohistochemistry-Paraffin: Chymase/CMA1/Mast Cell Chymase Antibody [NBP2-27551] - Staining of paraffin embedded Human Testis (Mast cells). Antibody at 1.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Heikkila HM, Latti S, Leskinen MJ et al. Activated mast cells induce endothelial cell apoptosis by a combined action of chymase and tumor necrosis factor-alpha Arterioscler Thromb Vasc Biol 2008-02-01 [PMID: 18079408]



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Products Related to NBP2-27551

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-33660PEP	Chymase/CMA1/Mast Cell Chymase 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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