

Product Datasheet

UFM1 Activating Enzyme/UBA5 Antibody - BSA Free NBP1-82087

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-82087

UFM1 Activating Enzyme/UBA5 Antibody - BSA Free

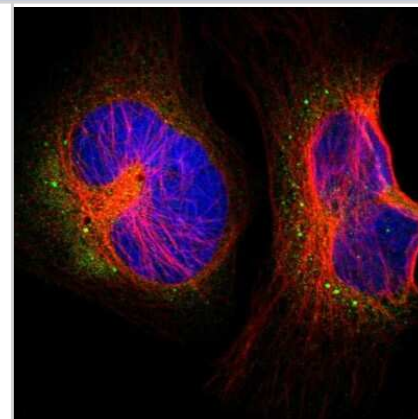
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	79876
Gene Symbol	UBA5
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GIGKLLLFDYDKVELANMNRLFFQPHQAGLSKVQAAEHLRNINPDVLFVHNY NITTVENFQHFMDRISNGGLEEGKPVLDLVLSCVDNFEARMTINTACNELGQTW MESGVSENAVSGHIQLIIPGESACFACAPPLVVAANIDEKTL

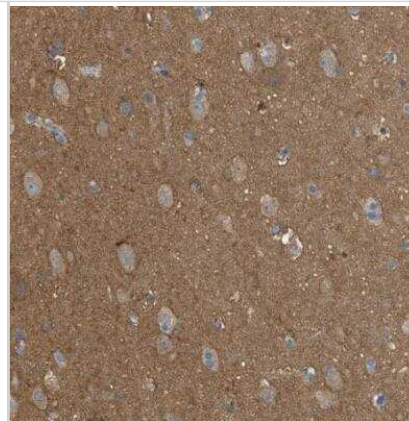
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

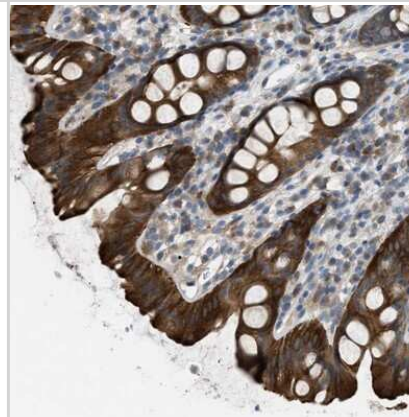
Immunocytochemistry/Immunofluorescence: UFM1 Activating Enzyme/UBA5 Antibody [NBP1-82087] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol & vesicles.



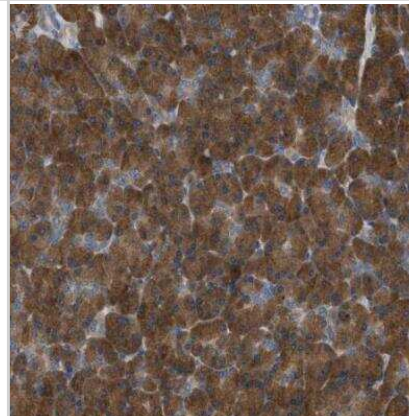
Immunohistochemistry-Paraffin: UFM1 Activating Enzyme/UBA5 Antibody [NBP1-82087] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



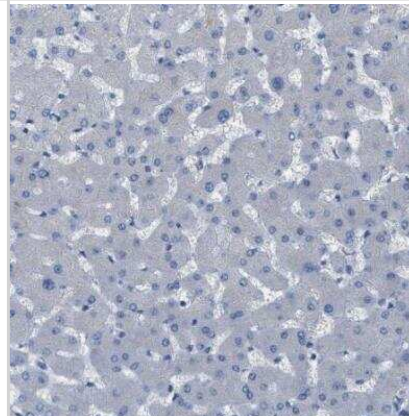
Immunohistochemistry-Paraffin: UFM1 Activating Enzyme/UBA5 Antibody [NBP1-82087] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: UFM1 Activating Enzyme/UBA5 Antibody [NBP1-82087] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: UFM1 Activating Enzyme/UBA5 Antibody [NBP1-82087] - Staining of human liver shows no cytoplasmic positivity in hepatocytes as expected.



Publications

Huber, J;Obata, M;Gruber, J;Akutsu, M;Lohr, F;Rogova, N;Guntert, P;Dikic, I;Kirkin, V;Komatsu, M;Dotsch, V;Rogov, VV; An atypical LIR motif within UBA5 (ubiquitin like modifier activating enzyme 5) interacts with GABARAP proteins and mediates membrane localization of UBA5 Autophagy 2019-04-16 [PMID: 30990354] (ICC/IF, Human)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]





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Products Related to NBP1-82087

NBP1-82087PEP	UFM1 Activating Enzyme/UBA5 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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