

Product Datasheet

μ Crystallin Antibody - BSA Free

NBP2-55172

Unit Size: 100 ul

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

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NBP2-55172

mu Crystallin Antibody - BSA Free

Product Information

Unit Size	100 ul
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

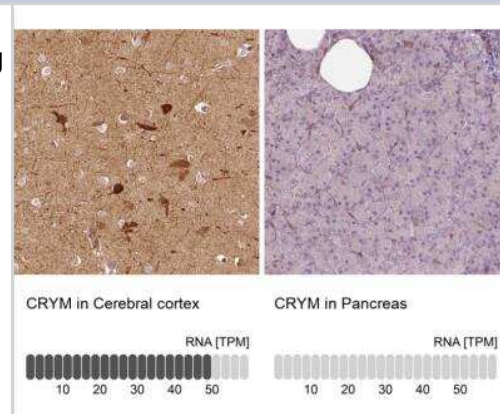
Description	Novus Biologicals Rabbit mu Crystallin Antibody - BSA Free (NBP2-55172) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1428
Gene Symbol	CRYM
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: YEIFTEQFSFKEVRIWNRTKENAEKFADTVQGEVRCSSVQEAVAGADVITVTL ATEPILFGEWVKPGAHINAVGASRPDWRE

Product Application Details

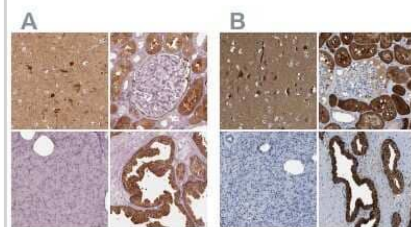
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

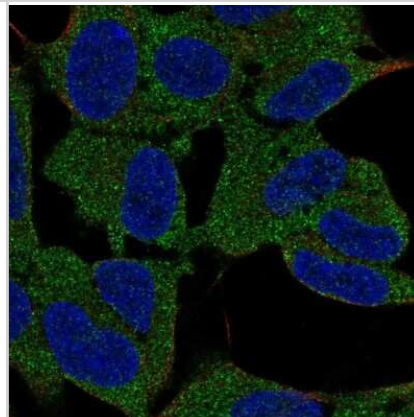
Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Analysis in human cerebral cortex and pancreas tissues. Corresponding CRYM RNA-seq data are presented for the same tissues.



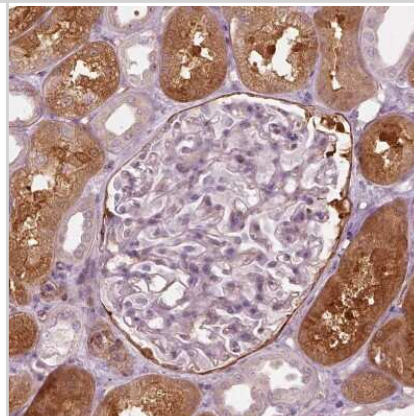
Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Staining of human cerebral cortex, kidney, pancreas and prostate using Anti-mu Crystallin antibody NBP2-55172 (A) shows similar protein distribution across tissues to independent antibody NBP1-85241 (B).



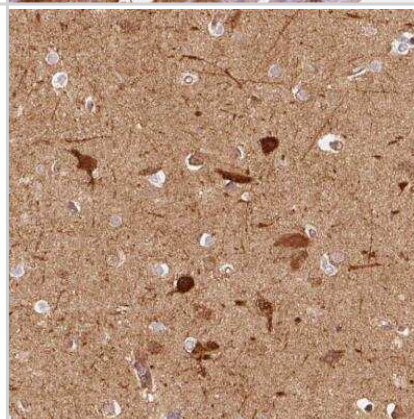
Immunocytochemistry/Immunofluorescence: mu Crystallin Antibody [NBP2-55172] - Staining of human cell line SH-SY5Y shows localization to cytosol. Antibody staining is shown in green.



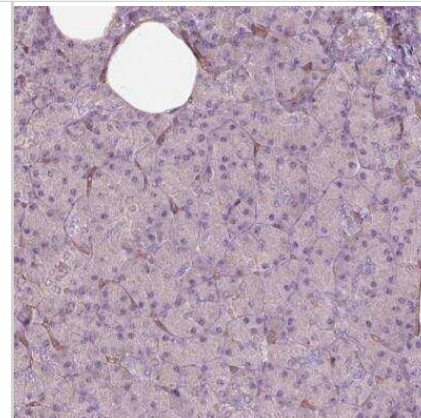
Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



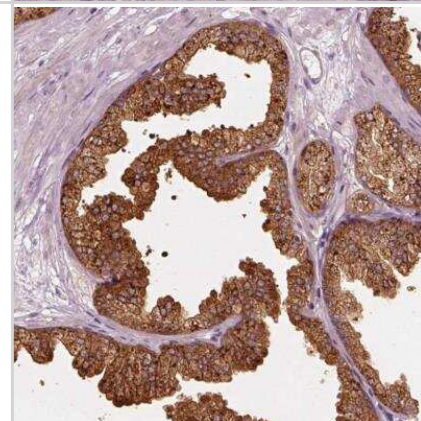
Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Staining of human pancreas shows low postivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: mu Crystallin Antibody [NBP2-55172] - Staining of human prostate shows moderate to strong cytoplasmic positivity in glandular cells.





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Products Related to NBP2-55172

NBP2-55172PEP	mu Crystallin 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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