

Product Datasheet

AlphaB Crystallin/CRYAB Antibody (CL10758) - Azide and BSA Free **NBP3-44262**

Unit Size: 100 ug

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

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NBP3-44262

AlphaB Crystallin/CRYAB Antibody (CL10758) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL10758
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

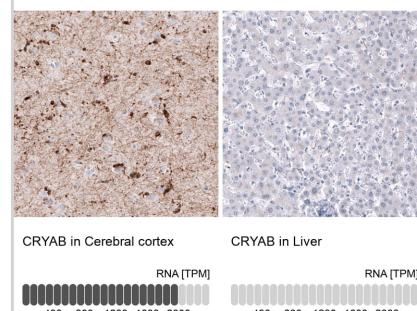
Host	Mouse
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Rat
Immunogen	This antibody was generated using a synthetic peptide of P02511, with the exact immunogen sequence remaining proprietary.

Product Application Details

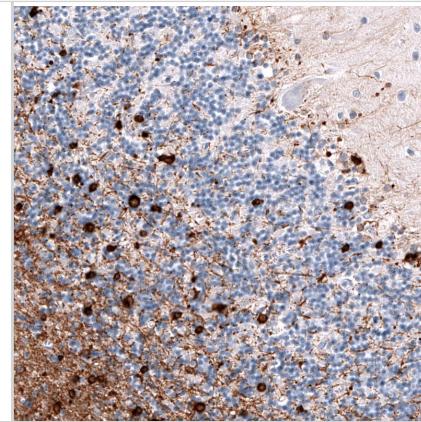
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20000 - 1:50000
Application Notes	Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

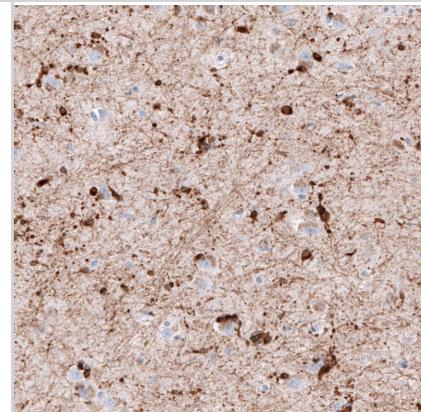
Analysis in human cerebral cortex and liver tissues using NBP3-44262 antibody. Corresponding AlphaB Crystallin/CRYAB RNA-seq data are presented for the same tissues.



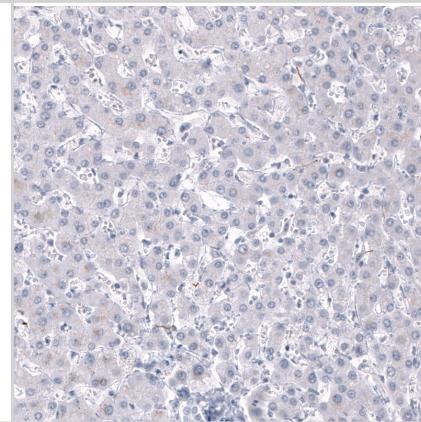
Staining of human cerebellum shows strong cytoplasmic positivity in oligodendrocytes.



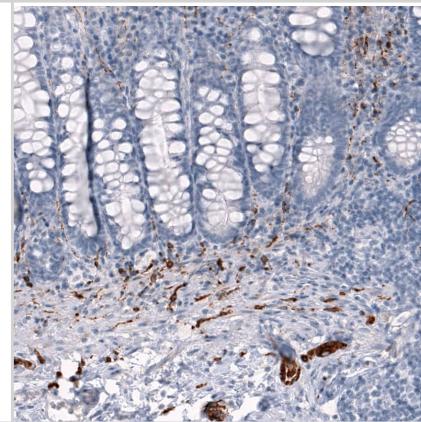
Staining of human cerebral cortex shows strong cytoplasmic positivity in oligodendrocytes.



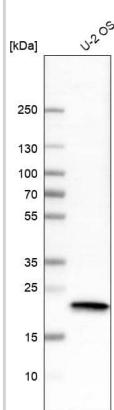
Staining of human liver shows no positivity in hepatocytes as expected.



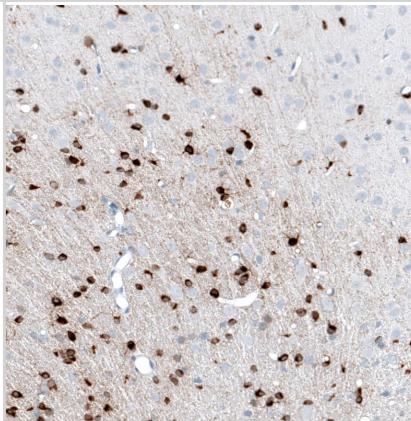
Staining of human rectum shows strong cytoplasmic positivity in peripheral ganglia and nerves.



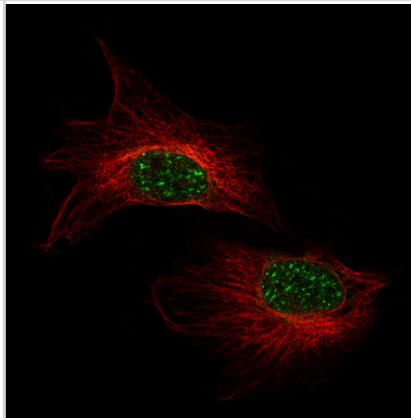
Analysis in human cell line U-2 OS.



Staining of rat brain shows strong cytoplasmic positivity in oligodendrocytes.



Staining of U-138 MG cells using the Anti-AlphaB Crystallin/CRYAB monoclonal antibody).





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Products Related to NBP3-44262

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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