

Product Datasheet

Chitinase 3-like 1/YKL-40 Antibody (CL12241) - Azide and BSA Free **NBP3-44298**

Unit Size: 100 ug

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

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NBP3-44298

Chitinase 3-like 1/YKL-40 Antibody (CL12241) - Azide and BSA Free

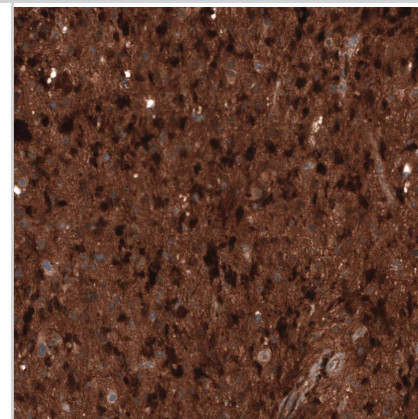
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12241
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Chitinase 3-like 1/YKL-40 Antibody (CL12241) - Azide and BSA Free (NBP3-21212) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1116
Gene Symbol	CHI3L1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P36222, with the exact immunogen sequence remaining proprietary.

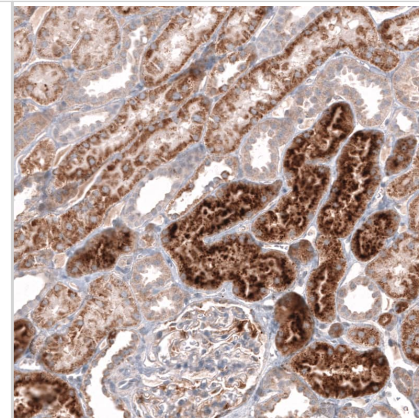
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

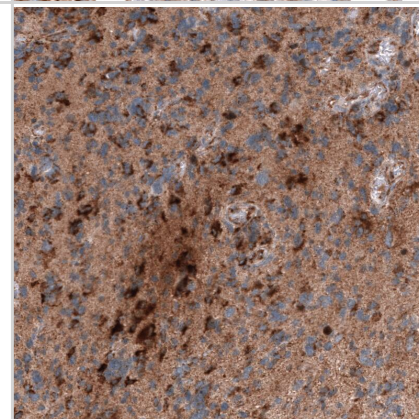
Staining of human astrocytoma shows strong cytoplasmic positivity in tumor cells.



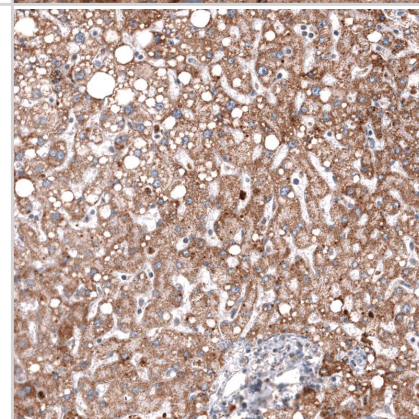
Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



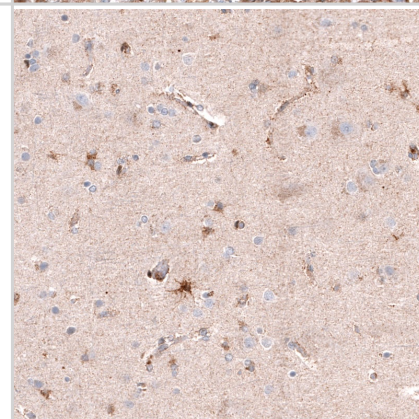
Staining of human glioblastoma shows moderate to strong cytoplasmic positivity in tumor cells.



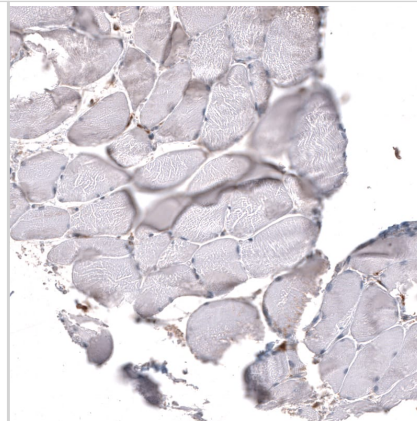
Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



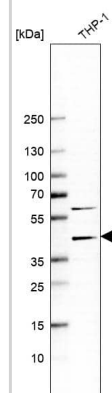
Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in glial cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in human cell line THP-1.





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Products Related to NBP3-44298

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP3-21409PEP	Chitinase 3-like 1/YKL-40 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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