

Product Datasheet

C9orf72 Antibody - BSA Free

NBP1-93504

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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NBP1-93504

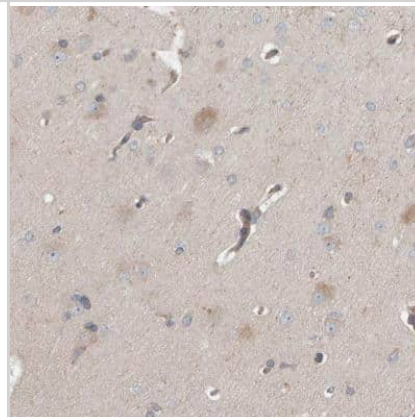
C9orf72 Antibody - BSA Free

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	203228
Gene Symbol	C9orf72
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in the scientific literature (PMID: 25521377).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YGLSIILPQTELSFYLP LHRVCVDRLTHIIRKGR IWMHKERQENVQKIILEGTERM EDQGQSIIPMLTGEVIPVMELLSSMKSHSVPEEI
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in WB reported in scientific literature (PMID: 30003873). Use in ICC/IF reported in scientific literature (PMID: 25521377).

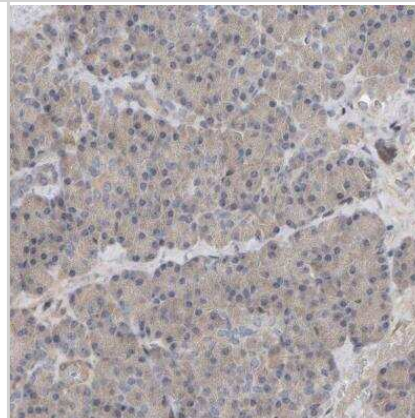


Images

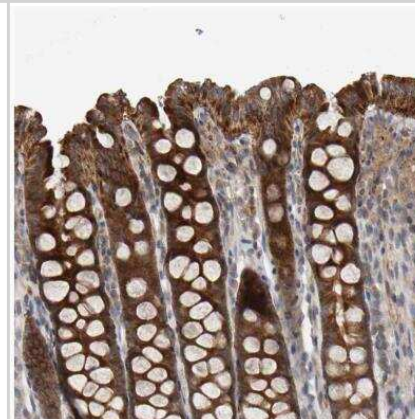
Immunohistochemistry-Paraffin: C9orf72 Antibody [NBP1-93504] - Staining of human cerebral cortex shows weak to moderate cytoplasmic positivity in neurons.



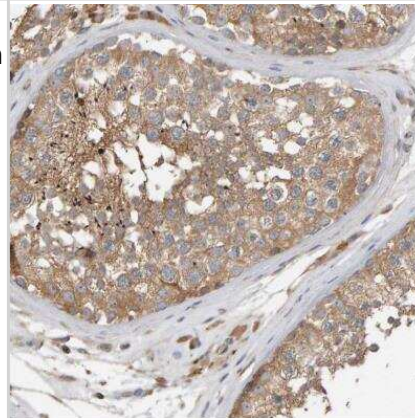
Immunohistochemistry-Paraffin: C9orf72 Antibody [NBP1-93504] - Staining of human pancreas shows very weak cytoplasmic positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: C9orf72 Antibody [NBP1-93504] - Staining of human gastrointestinal shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: C9orf72 Antibody [NBP1-93504] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Publications

Laflamme C, McKeever PM, Kumar R et al. Implementation of an antibody characterization procedure and application to the major ALS/FTD disease gene C9ORF72 eLife 2019-10-15 [PMID: 31612854]

Conlon EG, Fagegaltier D, Agius P et al. Unexpected similarities between C9ORF72 and sporadic forms of ALS/FTD suggest a common disease mechanism Elife 2018-07-13 [PMID: 30003873] (WB, Human)

Wen X, Tan W, Westergard T et al. Antisense Proline-Arginine RAN dipeptides linked to C9ORF72-ALS/FTD form toxic nuclear aggregates that initiate in vitro and in vivo neuronal death. Neuron 2014-12-17 [PMID: 25521377] (ICC/IF, Rat)

Satoh JI, Tabunoki H, Ishida T et al. Dystrophic neurites express C9orf72 in Alzheimers disease brains. Alzheimers Res Ther 2012-08-16 [PMID: 22898310]

Brettschneider J, Van Deerlin VM, Robinson JL et al. Pattern of ubiquilin pathology in ALS and FTLN indicates presence of C9ORF72 hexanucleotide expansion. Acta Neuropathol 2012-06-01 [PMID: 22426854]

Snowden JS, Rollinson S, Thompson JC et al. Distinct clinical and pathological characteristics of frontotemporal dementia associated with C9ORF72 mutations. Brain 2012-03-01 [PMID: 22300873]





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Products Related to NBP1-93504

NBP1-93504PEP	C9orf72 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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