

Datasheet for ABIN656415
anti-NXN antibody (AA 221-249)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	NXN
Binding Specificity:	AA 221-249
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NXN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NXN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-249 amino acids from the Central region of human NXN.
Clone:	RB27657
Isotype:	Ig Fraction
Predicted Reactivity:	X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NXN
Alternative Name:	NXN (NXN Products)

Target Details

Background:	NXN functions as a redox-dependent negative regulator of the Wnt signaling pathway. May function as a transcriptional regulator. May regulate phosphatase 2A (By similarity).
Molecular Weight:	48392
Gene ID:	64359
NCBI Accession:	NP_001192248 , NP_071908
UniProt:	Q6DKJ4

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NXN Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

Publications

Product cited in:	Davidson, Robinson, Rollinson, Pickering-Brown, Xiao, Robertson, Mann: "Immunohistochemical detection of C9orf72 protein in frontotemporal lobar degeneration and motor neurone disease: patterns of immunostaining and an evaluation of commercial antibodies." in: Amyotrophic lateral sclerosis & frontotemporal degeneration , Vol. 19, Issue 1-2, pp. 102-111, (2018) (PubMed).
	Sullivan, Zhou, Robins, Paushter, Kim, Smolka, Hu: "The ALS/FTLD associated protein C9orf72 associates with SMCR8 and WDR41 to regulate the autophagy-lysosome pathway." in: Acta

neuropathologica communications, Vol. 4, Issue 1, pp. 51, (2017) ([PubMed](#)).

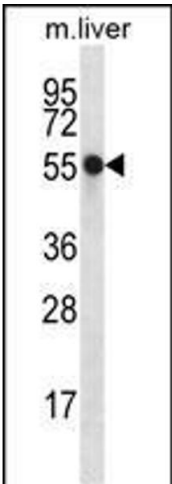
Burberry, Suzuki, Wang, Moccia, Mordes, Stewart, Suzuki-Uematsu, Ghosh, Singh, Merkle, Koszka, Li, Zon, Rossi, Trowbridge, Notarangelo, Eggan: "Loss-of-function mutations in the C9ORF72 mouse ortholog cause fatal autoimmune disease." in: **Science translational medicine**, Vol. 8, Issue 347, pp. 347ra93, (2017) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NXN Antibody (Center) (ABIN656415 and ABIN2845708) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NXN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NXN Antibody (Center) (ABIN656415 and ABIN2845708) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the NXN antibody detected the NXN protein (arrow).