

Anti-NRXN3 Polyclonal Antibody

Cat: AC50875

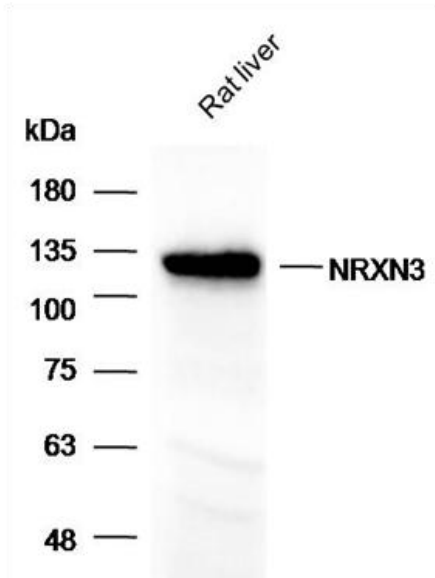
Summary:

- 【Product name】** : Anti-NRXN3 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human, Mouse, Rat
【Swiss Prot】 : Q9HDB5,Q9Y4C0 **【Gene ID】** : 9369
【Calculated】 : MW: 69kDa **【Observed】** : MW: 130kDa
【Purification】 : Affinity purification
【Tested applications】 : WB IHC
【Recommended dilution】 : WB 1:500-2000. IHC 1:50-200.
【WB Positive sample】 : Rat liver
【IHC Positive sample】 : Human colorectal cancer
【Subcellular location】 : Membrane Single-pass type I membrane protein.
【Immunogen】 : Recombinant protein of human NRXN3.
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

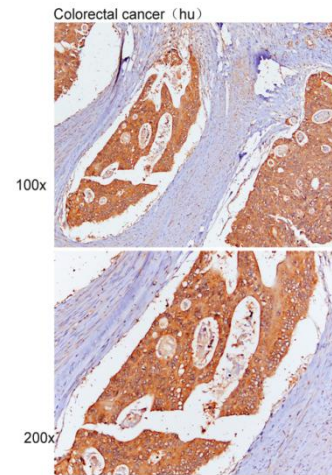
Background:

This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants and protein isoforms for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. Genetic variation at this locus has been associated with a range of behavioral phenotypes, including alcohol dependence and autism spectrum disorder.

Verified picture



Western blot analysis with NRXN3 antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Human colorectal cancer with NRXN3 antibody diluted at 1:100