



## Rtn-3 Monoclonal Antibody

Catalog No         BYab-12614           Isotype         IgG           Reactivity         Human           Applications         IHC;IF;ELISA           Gene Name         RTN3           Protein Name         Reticulon-3           Immunogen         Purified recombinant fragment of Rtn-3 expressed in E. Coli.           Specificity         Rtn-3 Monoclonal Antibody detects endogenous levels of Rtn-3 protein.           Formulation         Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.           Source         Monoclonal, Mouse           Purification         Affinity purification           Dilution         IHC: 1/200 - 1/1000. ELISA: 1/10000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         RTN3; ASYIP; NSPL2; Reticulon-3; Neuroendocrine-specific protein-like 1; NSP-like protein 2; Neuroendocrine-specific protein-like 1; NSP-like protein 2; Neuroendocrine-specific protein-like 1; sentine 3; NSP-like protein 2; sentine 3; Multi-pass membrane protein .           Observed Band         Endoplasmic reticulum membrane; Multi-pass membrane protein .           Cell Pathway         Endoplasmic reticulum jump and protein level). Three times more abundant in meulan than in peripheral retina. Isoform 1 is expressed at high levels in brain and at low levels in skeletal muscle. Isoform 2 is o		
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Protein Name         Reticulon-3           Immunogen         Purified recombinant fragment of Rtn-3 expressed in E. Coli.           Specificity         Rtn-3 Monoclonal Antibody detects endogenous levels of Rtn-3 protein.           Formulation         Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50%glycerol.           Source         Monoclonal, Mouse           Purification         Affinity purification           Dilution         IHC: 1/200 - 1/1000. ELISA: 1/10000 IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         RTN3; ASYIP; NSPL2; Reticulon-3; Neuroendocrine-specific protein-like 2; NSP-like protein 2; Neuroendocrine-specific protein-like II; NSP-like protein II; NSP-like protein 2; Neuroendocrine-specific protein-like II; NSP-like protein II; NSP-like p	Applications	IHC;IF;ELISA
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Nanjing BYabscience technology Co.,Ltd

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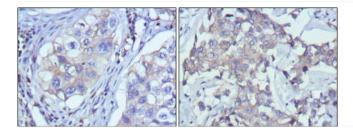


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	reticulon domain.,subunit:Homodimer. Interacts with RTN4. Isoform 3 interacts with BACE1, BACE2, BCL2 and FADD. Interacts with Coxsackievirus A16, enterovirus 71 and poliovirus P2C proteins.,tissue specificity:Isoform 3 is widely expressed, with highest levels in brain, where it is enriched in neuronal cell bodies from gray matte
Background	This gene belongs to the reticulon family of highly conserved genes that are preferentially expressed in neuroendocrine tissues. This family of proteins interact with, and modulate the activity of beta-amyloid converting enzyme 1 (BACE1), and the production of amyloid-beta. An increase in the expression of any reticulon protein substantially reduces the production of amyloid-beta, suggesting that reticulon proteins are negative modulators of BACE1 in cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, and pseudogenes of this gene are located on chromosomes 4 and 12. [provided by RefSeq, May 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Immunohistochemistry analysis of paraffin-embedded human lung cancer (left) and breast cancer (right) with DAB staining using Rtn-3 Monoclonal Antibody.

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