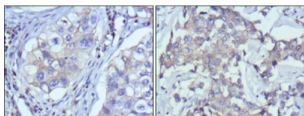
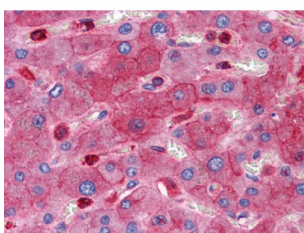


Reticulon 3 (RTN3) Antibody

Catalogue No.: abx011490



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and breast cancer (right) using RTN3 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded human liver tissues using RTN3 antibody.

RTN3, reticulon 3. The reticulons are a group of highly conserved genes with preferential expression in neuroendocrine tissues. RTN3 may be involved in membrane trafficking in the early secretory pathway. Inhibits BACE1 activity and amyloid precursor protein processing. May induce caspase-8 cascade and apoptosis. May favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, RTN3 may be involved in the viral replication or pathogenesis. There are 5 isoforms.

Target: Reticulon 3 (RTN3)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of RTN3 expressed in E. coli.

Isotype: IgG_{2a}

Datasheet

Version: 2.0.0

Revision date: 01 Oct 2025



Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95197 (UniProt , ExPASy)
Gene Symbol:	RTN3
GeneID:	10313
OMIM:	604249
HGNC:	10469
KEGG:	hsa:10313
Ensembl:	ENSG00000133318
String:	9606.ENSP00000367050
Molecular Weight:	113 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.